اختبار تجريبي لنهاية الفصل



تم تحميل هذا الملف من موقع المناهج الإماراتية	
موقع المناهج ⇦ المناهج الإماراتية ⇦ رياضيات ⇦ الفصل الأول ⇦ ملفات متنوعة ⇦ الملف	
تاريخ إضافة الملف على موقع المناهج: 13-11-2026 22:21:28	
ملفات ا كتب للمعلم ا كتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس	المزيد من مادة رياضيات:
إعداد: Abohatem Asmaa	

التواصل الاجتماعي بحسب					
صفحة المناهج الإماراتية على فيسبوك					
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات	

المزيد من الملفات بحسب والمادة رياضيات في الفصل الأول

تحميل تطبيق المناهج للهواتف الذكية	
تطبيق المناهج على App Store (آبل)	تطبيق المناهج على Play Google (أندرويد)

Mock Final Exam_Math_7ADV _ 2026/2027	
Cycle	**2**
Grade/ Section	**7 Advanced**
Unit(s)	**1 ,2, 3 & 4**
Student Name	
Student ID No.	

Type of Questions	Grade	Name of the corrector
MCQs	**/60**	
FRQ	**/40**	
Total	**/100**	

Unit 1 : Important notes and formulas

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q1	Find unit rates when one or both quantities are fractions.	1-8	11

Question 1					
Ahmed drove 48 miles in 45 minutes. At this rate, how many miles can he drive in one hour?					
A		36 miles	C		63 miles
B		64 miles	D		48 miles
Question 2					
Omar runs $\frac{9}{10}$ mile in 5 minutes. At this rate, how many miles can he run in one minute?					
A		$\frac{9}{50}$ mile	C		$\frac{50}{9}$ miles
B		$\frac{9}{2}$ miles	D		$\frac{9}{10}$ mile
Question 3					
A small airplane flew 104 miles in 50 minutes. At this rate, how many miles can it fly in one hour? ($50minutes = \frac{5}{6}hour$)					
A		$86\frac{2}{3}$ miles	C		2.08 miles
B		114 miles	D		124.8 miles
Question 4					
Khalid downloaded 8 apps onto his tablet in 12 seconds. At this rate, how many apps could he download in one minute? ($12seconds = \frac{1}{5}minute$)					
A		$1\frac{3}{5}$ apps	C		90 apps
B		40 apps	D		480 apps
Question 5					
In Maryam's garden, the green pepper plants grew 5 inches in $\frac{3}{4}$ month. At this rate, how many feet can they grow in one month? ($5inches = \frac{5}{12}foot$)					
A		$\frac{5}{16}$ foot	C		$\frac{20}{3}$ feet
B		$\frac{5}{9}$ foot	D		$\frac{5}{12}$ foot

Question 6

Thunder from a bolt of lightning travels $\frac{1}{10}$ mile in $\frac{1}{2}$ second. At this rate, how many miles can it travel in one second?

A		$\frac{1}{20}$ mile	C		$\frac{1}{10}$ mile
B		5 miles	D		$\frac{1}{5}$ mile

Question 7

The average sneeze can travel $\frac{3}{100}$ mile in 3 seconds. At this rate, how far can it travel in one minute?
$(3seconds = \frac{1}{20}minute)$

A		$\frac{3}{5}$ mile	C		$\frac{9}{5}$ miles
B		$\frac{1}{100}$ mile	D		$\frac{3}{2000}$ mile

Question 8

Fatima is making headbands for her softball team. She needs $\frac{3}{4}$ yard of fabric. The table shows the total cost for that amount. Which list includes all the fabrics that cost less than $8 per yard?

Fabric	Cost for $\frac{3}{4}$ yard
Cotton	$5.54
Flannel	$2.62
Fleece	$4.27
Terry cloth	$6.52

A		Flannel and fleece only	C		Cotton, flannel, and fleece only
B		Cotton and flannel only	D		Cotton, flannel, fleece, and terry cloth

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q2	Use models and ratio reasoning to understand how a proportional relationship can exist between quantities.	1-7	19

Question 1					
A salad dressing calls for 3 parts oil and 1 part vinegar. Maryam uses 2 tablespoons of vinegar and 6 tablespoons of oil. Which statement correctly describes Maryam's mixture?					
A		The mixture is incorrect because there are 4 more tablespoons of oil than vinegar.	C		The mixture is correct because any mixture with more oil than vinegar follows the recipe.
B		The mixture is correct because the ratio of oil to vinegar is equivalent to 3 to 1.	D		The mixture is incorrect because she should use 3 tablespoons of oil for 2 tablespoons of vinegar.
Question 2					
A specific shade of orange paint calls for 2 parts yellow and 3 parts red. Fatima uses 3 cups of yellow paint and 4 cups of red paint. Which statement correctly describes Fatima's mixture?					
A		The mixture is correct because she added 1 cup to both quantities in the recipe.	C		The mixture is incorrect because she should use 6 cups of red paint for 3 cups of yellow paint.
B		The mixture is correct because both the recipe and her mixture have 1 more part red than yellow.	D		The mixture is incorrect because the ratio of yellow paint to red paint, 3 to 4, is not equivalent to 2 to 3.
Question 3					
A saltwater solution for an aquarium calls for 35 parts salt to 1000 parts water. Tareq uses 7 tablespoons of salt and 200 tablespoons of water. Which statement correctly describes Tareq's mixture?					
A		The mixture is correct because both recipe quantities were divided by 5 to make an equivalent ratio.	C		The mixture is correct because any mixture with more water than salt follows the recipe.
B		The mixture is incorrect because 7 tablespoons of salt is less than 35 parts salt.	D		The mixture is incorrect because he should use 200 tablespoons of water with 35 tablespoons of salt.

Question 4					
One conveyor belt moves at a constant rate of 12 feet in 3 seconds. A second conveyor belt moves at a constant rate of 16 feet in 4 seconds. Which statement correctly compares their speeds?					
A		The second belt is faster because 16 feet is greater than 12 feet.	C		Both belts move at the same speed because each travels 4 feet per second.
B		The first belt is faster because 3 seconds is less than 4 seconds.	D		Both belts move at the same speed because adding 4 feet and 1 second always preserves speed.

Question 5					
One tectonic plate moves at a constant rate of 4 centimeters per year. Another tectonic plate moves at a constant rate of 30 centimeters in 10 years. Which statement correctly compares their speeds?					
A		The second plate is faster because 30 centimeters is greater than 4 centimeters.	C		The second plate is faster because traveling for 10 years means it moves faster.
B		Both plates move at the same speed because both move at constant rates.	D		The first plate is faster because 4 centimeters per year is greater than 3 centimeters per year.

Question 6					
One strand of hair grows at a constant rate of $\frac{1}{2}$ inch per month. Another strand grows at a constant rate of 4 inches per year. Which statement correctly compares their growth rates?					
A		The second strand grows faster because 4 inches is greater than $\frac{1}{2}$ inch.	C		Both strands grow at the same rate because both grow at constant rates.
B		The first strand grows faster because $\frac{1}{2}$ inch per month equals 6 inches per year.	D		The first strand grows more slowly because $\frac{1}{2}$ inch per month equals $\frac{1}{24}$ inch per year.

Question 7					
A garden soil blend calls for 1 part minerals, 1 part peat moss, and 2 parts compost. Which mixture below is proportional relationship with this blend.					
A		10 ft^3 minerals, 10 ft^3 peat moss, and 10 ft^3 compost	C		12 ft^3 minerals, 12 ft^3 peat moss, and 24 ft^3 compost
B		10 ft^3 minerals, 15 ft^3 peat moss, and 15 ft^3 compost	D		20 ft^3 minerals, 20 ft^3 peat moss, and 50 ft^3 compost

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q3	Determine whether two quantities shown in a table are in a proportional relationship by testing for equivalent ratios.	5-8	29

Question 1

Ahmed paid $12.50 for 25 game tickets. Maryam paid $17.50 for 35 game tickets. What is the constant of proportionality in dollars per ticket?

A		$2 per ticket	C		$5 per ticket
B		$0.50 per ticket	D		$0.20 per ticket

Question 2

A baker iced 40 cupcakes in 70 minutes and 28 cupcakes in 49 minutes. The baker works at a constant rate. What is the constant of proportionality in cupcakes per minute?

A		$\frac{7}{4}$ cupcakes per minute	C		$\frac{7}{10}$ cupcake per minute
B		$\frac{3}{7}$ cupcake per minute	D		$\frac{4}{7}$ cupcake per minute

Question 3

The table shows the amount of dietary fiber in bananas. What is the constant of proportionality in grams of fiber per banana?

Dietary fiber (g)	9.3	18.6	27.9	37.2
Bananas	3	6	9	12

A		3.1 grams per banana	C		9.3 grams per banana
B		6.3 grams per banana	D		$\frac{10}{31}$ gram per banana

Question 4

The table shows the distance traveled by a runner. What is the constant of proportionality in miles per hour?

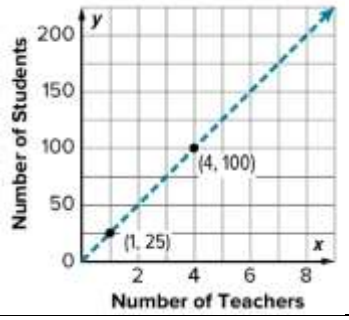
Distance (mi)	4.55	13.65	22.75	31.85
Time (h)	0.5	1.5	2.5	3.5

A		4.55 miles per hour	C		9.1 miles per hour
B		2.275 miles per hour	D		$\frac{10}{91}$ mile per hour

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q4	Explain what the points (0, 0) and (1, r) mean on the graph of a proportional relationship.	Example 4 3-4	36 39

Question 1

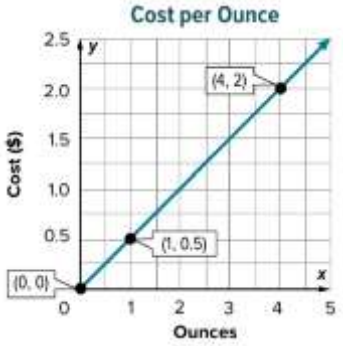
The number of students on a school trip is proportional to the number of teachers. What do the points (0, 0) and (1, 25) represent?



A		0 teachers correspond to 0 students, and 1 teacher corresponds to 25 students.	C		0 teachers correspond to 25 students, and 1 teacher corresponds to 0 students.
B		0 teachers correspond to 0 students, and 25 teachers correspond to 1 student.	D		0 teachers correspond to 0 students, and 1 teacher corresponds to 100 students.

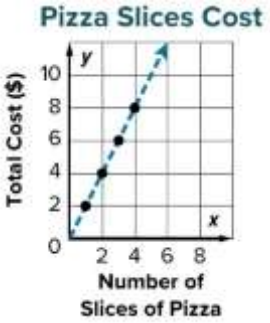
Question 2

The cost of a smoothie is proportional to the number of ounces.
Which statement correctly describes the unit rate and the cost of 4 ounces?



A		The unit rate is $2 per ounce, so 4 ounces cost $8.	C		The unit rate is $1 per ounce, so 4 ounces cost $4.
B		The unit rate is $0.50 per ounce, so 4 ounces cost $0.50.	D		The unit rate is $0.50 per ounce, so 4 ounces cost $2.

Question 3					
The total cost of online streaming is proportional to the number of months, as shown in the graph. What is the constant of proportionality in dollars per month? 					
A		\$30 per month	C		\$60 per month
B		\$15 per month	D		$\$\frac{1}{15}$ per month

Question 4					
The total cost of pizza is proportional to the number of slices. What do the points (0, 0) and (1, 2) represent? 					
A		0 slices cost \$1, and 2 slices cost \$0.	C		0 slices cost \$0, and 2 slices cost \$1.
B		0 slices cost \$0, and 1 slice costs \$2.	D		0 slices cost \$0, and 1 slice costs \$1.

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q5	Write equations to represent proportional relationships.	1-7	47

Question 1					
Maryam earns $9.50 for every two bracelets she sells. The equation $y = 4.75x$, where x is the number of bracelets and y is the total amount earned in dollars, models this situation. What is the constant of proportionality, and what does it represent?					
A		9.50; the dollars earned for each bracelet.	C		4.75; the dollars earned for each bracelet.
B		4.75; the number of bracelets sold per dollar.	D		9.50; the number of bracelets sold per dollar.
Question 2					
Omar ran 3 miles in 25.5 minutes. The equation $y = 8.5x$, where x is the number of miles and y is the total time in minutes, models this situation. What is the constant of proportionality, and what does it represent?					
A		8.5; the minutes needed to run each mile.	C		25.5; the minutes needed to run each mile.
B		8.5; the miles run each minute.	D		3; the miles run each minute.
Question 3					
Khalid bought 3 bottles of an energy drink for $4.50. Which equation relates the total cost y in dollars to the number of bottles bought x?					
A		$y = 4.5x$	C		$y = 3x + 4.5$
B		$y = \frac{2}{3}x$	D		$y = 1.5x$
Question 4					
Renting a cotton candy machine for 4 hours costs $72. The hourly rental rate is constant, with no initial fee. Which equation models the total cost y in dollars for renting the machine for x hours?					
A		$y = 72x$	C		$y = \frac{1}{18}x$
B		$y = 18x$	D		$y = 4x + 72$

Question 5

Fatima uses 7 cups of water to make 4 loaves of French bread. Which equation models the total cups of water y needed for x loaves, and how many cups are needed for 6 loaves?

A		$y = \frac{7}{4}x$; $10\frac{1}{2}$ cups.	C		$y = \frac{7}{4}x$; 7 cups.
B		$y = \frac{4}{7}x$; $3\frac{3}{7}$ cups.	D		$y = 7x$; 42 cups.

Question 6

Ms. Aisha uses $6\frac{3}{4}$ yards of fabric to make 3 elf costumes. Which equation models the total yards of fabric y needed for x costumes, and how many yards are needed for 7 costumes?

A		$y = \frac{4}{9}x$; $3\frac{1}{9}$ yards.	C		$y = \frac{9}{4}x$; $15\frac{3}{4}$ yards.
B		$y = \frac{9}{4}x$; $6\frac{3}{4}$ yards.	D		$y = \frac{27}{4}x$; $47\frac{1}{4}$ yards.

Question 7

The table shows the cost of 4 movie tickets at two theaters.
Let x be the number of tickets and y be the total cost in dollars.
Select all statements that are true.

Theater	Cost of 4 tickets ($)
Movies Galore	30
Star Cinema	31

A		The equation $y = 30x$ models the ticket cost at Movies Galore.	C		The total cost of 1 ticket at Movies Galore is $30.
B		The equation $y = 7.75x$ models the ticket cost at Star Cinema.	D		The total cost of 9 tickets at Star Cinema is $69.75.

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q6	Solve problems involving proportional relationships by making a table, using a graph, or writing an equation.	1-6	55

Question 1

For every 3 girls taking classes at a martial arts school, there are 4 boys. If there are 236 boys taking classes, predict the number of girls taking classes at the school.

A		59 girls	C		236 girls
B		177 girls	D		413 girls

Question 2

A grading machine can grade 96 multiple-choice tests in 2 minutes. At this rate, how many minutes will it take the machine to grade 300 tests?

A		3.125 minutes	C		48 minutes
B		12.5 minutes	D		6.25 minutes

Question 3

A 6-ounce package of fruit snacks contains 45 pieces. At the same rate, how many pieces would you expect in a 10-ounce package?

A		75 pieces	C		27 pieces
B		49 pieces	D		450 pieces

Question 4

Of the 50 students in a cafeteria, 7 have red hair. Using the same proportion, predict how many students would have red hair in a school of 750 students.

A		7 students	C		105 students
B		15 students	D		112 students

Question 5

The wait times for two different rides are shown in the table. At the same rate, if there are 120 people in line for the swings, how many minutes can you expect to wait?

Ride	Wait time
Carousel	6 minutes for 48 people in line
Swings	12 minutes for 75 people in line

A		15 minutes	C		7.5 minutes
B		19.2 minutes	D		12 minutes

Question 6

Maryam types 3 pages in the same amount of time that Fatima types 4.5 pages. They start typing at the same time and continue at their respective constant rates. How many pages will Fatima have typed when Maryam has typed 11 pages?

A		$7\frac{1}{3}$ pages	C		49.5 pages
B		12.5 pages	D		16.5 pages

Unit 2 : Important notes and formulas

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q7	Use proportional relationships to solve percent of change problems.	1-10	71

Question 1					
A length changes from 8 feet to 10 feet. What is the percent of change?					
A		20% increase	C		25% decrease
B		25% increase	D		125% increase
Question 2					
The number of trees changes from 62 to 31. What is the percent of change?					
A		100% decrease	C		200% decrease
B		50% increase	D		50% decrease
Question 3					
A duration changes from 136 days to 85 days. What is the percent of change?					
A		37.5% decrease	C		62.5% decrease
B		60% decrease	D		37.5% increase
Question 4					
Last month, the online price of a powered ride-on car was $250. This month, it is $330. What is the percent of increase?					
A		24.2%	C		32%
B		80%	D		132%

Question 5					
At the end of the first half of a football game, Omar had carried the ball for 50.5 yards. By the end of the game, he had carried it for a total of 75 yards. What is the percent of increase? Round to the nearest tenth					
A		32.7%	C		148.5%
B		48.5%	D		24.5%

Question 6					
A music video website received 5,000 comments on a new song. The next day, an additional 1,500 comments were posted. What was the percent of increase in the total number of comments?					
A		70%	C		130%
B		23.1%	D		30%

Question 7					
When Ahmed was 9 years old, he was 56 inches tall. At age 12, he is 62 inches tall. What is the percent of increase in his height? Round to the nearest tenth.					
A		10.7%	C		33.3%
B		9.7%	D		110.7%

Question 8					
Maryam priced her scooter at $15.50 but sold it for $10.75. What was the percent of decrease in the price? Round to the nearest tenth.					
A		44.2%	C		30.6%
B		69.4%	D		4.8%

Question 9

At the beginning of a baking session, a bag contained 2.26 kilograms of flour. At the end, it contained 0.98 kilogram. What was the percent of decrease in the amount of flour? Round to the nearest tenth.

A		43.4%	C		130.6%
B		56.6%	D		1.3%

Question 10

The table shows the number of candid student photos in a yearbook for two consecutive years. What was the percent of decrease from 2015 to 2016? Round to the nearest tenth.

Year	Number of photos
2015	236
2016	214

A		10.3%	C		90.7%
B		22%	D		9.3%

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q8	Use proportional relationships to find the amount of tax charged for an item.	1-9	81

Question 1					
A breakfast costs $18 before tax. The sales tax rate is 7%. What is the total cost, rounded to the nearest cent?					
A		$1.26	C		$16.74
B		$19.26	D		$25.00
Question 2					
A shirt costs $24 before tax. The sales tax rate is 6%. What is the total cost, rounded to the nearest cent?					
A		$22.56	C		$30.00
B		$1.44	D		$25.44
Question 3					
A pair of shoes costs $49.95 before tax. The sales tax rate is 5%. What is the total cost, rounded to the nearest cent?					
A		$52.45	C		$47.45
B		$2.50	D		$54.95
Question 4					
Maryam wants to buy boots that cost $68 before tax. The sales tax rate is $5\frac{1}{2}$%. What is the total cost, rounded to the nearest cent?					
A		$3.74	C		$71.74
B		$73.50	D		$64.26

Question 5					
Omar wants to buy a coat that costs $74.95 before tax. The sales tax rate is $6\frac{1}{2}$%. What is the total cost, rounded to the nearest cent?					
A		$4.87	C		$81.45
B		$79.82	D		$70.08

Question 6					
Mr. Ahmed's hotel stay lasts 2 nights. The total room charge for both nights is $210 before tax. The hotel room tax rate is 12%. What is the total cost, rounded to the nearest cent?					
A		$25.20	C		$470.40
B		$184.80	D		$235.20

Question 7					
The hotel room charge for Fatima's trip is $325 before tax. The hotel room tax rate is 10.5%. What is the total cost, rounded to the nearest cent?					
A		$359.13	C		$335.50
B		$34.13	D		$290.88

Question 8					
Khalid spends $30.45 before tax at a bookstore. The sales tax rate is 7.25%. What is the total cost, rounded to the nearest cent?					
A		$2.21	C		$32.66
B		$37.70	D		$28.24

Question 9					
Aisha purchases $124.35 worth of home improvement items before tax. The sales tax rate is 6.75%. What is the total cost, rounded to the nearest cent?					
A		$131.10	C		$115.96
B		$8.39	D		$132.74

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q9	Use proportional relationships to find the amount of discount or markdown.	1-10	97

Question 1					
A coat originally costs $140 and is discounted by 10%. What is the sale price, rounded to the nearest cent?					
A		$14.00	C		$130.00
B		$126.00	D		$154.00
Question 2					
A pair of boots originally costs $80 and is discounted by 25%. What is the sale price, rounded to the nearest cent?					
A		$20.00	C		$100.00
B		$55.00	D		$60.00
Question 3					
A tent originally costs $325 and is discounted by 15%. What is the sale price, rounded to the nearest cent?					
A		$276.25	C		$310.00
B		$48.75	D		$373.75
Question 4					
A video game system originally costs $99. It is on sale for 40% off. What is the sale price, rounded to the nearest cent?					
A		$39.60	C		$59.40
B		$59.00	D		$138.60

Question 5					
A yearly coffee club subscription originally costs $65. Maryam receives an offer for 62% off. What is the sale price, rounded to the nearest cent?					
A		$40.30	C		$3.00
B		$24.70	D		$105.30

Question 6					
A skateboard originally costs $119.50. It is marked down 30%, and then an additional 25% is taken off the reduced price. What is the final price? Round only the final answer to the nearest cent.					
A		$53.78	C		$89.63
B		$83.65	D		$62.74

Question 7					
A smartphone originally costs $679. It is on sale for 35% off. Using the store credit card gives an additional 15% off the sale price. What is the final price? Round only the final answer to the nearest cent.					
A		$375.15	C		$441.35
B		$339.50	D		$577.15

Question 8					
Omar buys a tire at a 40% discount. The sale price is $96.25. What was the original price, rounded to the nearest cent?					
A		$134.75	C		$160.42
B		$240.63	D		$57.75

Question 9					
A swimsuit is on sale for $45.50 after a 5% discount. What was the original price, rounded to the nearest cent?					
A		$47.78	C		$43.23
B		$47.89	D		$910.00

Question 10					
All summer shoes are marked 55% off. Shoppers then receive an additional 10% off the clearance price. Fatima buys the blue sandals shown in the table. What is the final price? Round only the final answer to the nearest cent.					
A		$26.25	C		$44.63
B		$33.75	D		$30.38

Shoes	Original price
Blue sandals	$75
Tan sandals	$68

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q10	Use the simple interest formula to find the amount of interest earned for a given principal, at a given interest rate, for a given period of time.	1-5	105

Question 1					
Find the simple interest earned on a principal of $530 at an annual rate of 6% for 1 year.					
A		$561.80	C		$3.18
B		$31.80	D		$318.00
Question 2					
Find the simple interest earned on a principal of $1,200 at an annual rate of 3.5% for 2 years.					
A		$42.00	C		$8.40
B		$1,284.00	D		$84.00
Question 3					
Find the simple interest earned on a principal of $750 at an annual rate of 7% for 3 years.					
A		$157.50	C		$907.50
B		$52.50	D		$15.75
Question 4					
Maryam's father deposits $460 into a savings account that pays 2.5% simple interest each year. He makes no further deposits or withdrawals. How much interest will the account earn after 4 years?					
A		$11.50	C		$46.00
B		$506.00	D		$4.60
Question 5					
Omar deposits $1,250 into a savings account that pays 4.5% simple interest annually. He makes no further deposits or withdrawals. How much interest will he earn after 2 years?					
A		$56.25	C		$1,362.50
B		$112.50	D		$11.25

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q11	Use proportional relationships to solve percent error problems.	1-8	119

Question 1					
Ahmed estimates that his soccer team will win 7 games. The team actually wins 10 games. What is the percent error of his estimate? Round to the nearest tenth if necessary.					
A		42.9%	C		70%
B		3%	D		30%
Question 2					
A mayor estimates that 4,000 people will attend a fair. The actual attendance is 8,400. What is the percent error of the estimate? Round to the nearest tenth.					
A		52.4%	C		47.6%
B		110%	D		4.4%
Question 3					
Fatima estimates that a roller coaster wait will be 35 minutes. The actual wait is 55.5 minutes. What is the percent error of her estimate? Round to the nearest tenth.					
A		58.6%	C		36.9%
B		63.1%	D		20.5%
Question 4					
Khalid estimates that his cat weighs 16 pounds. The actual weight is 14.25 pounds. What is the percent error of his estimate? Round to the nearest tenth.					
A		10.9%	C		1.8%
B		12.3%	D		112.3%

Question 5

A jar is expected to contain 100 marbles, but it actually contains 99. Using the actual count as the reference value, what is the percent error? Round to the nearest hundredth.

A		1.00%	C		0.01%
B		99.00%	D		1.01%

Question 6

A cyclist estimates that he will bike 80 miles. He actually bikes 75.5 miles. What is the percent error of his estimate? Round to the nearest hundredth.

A		5.96%	C		4.50%
B		5.63%	D		94.38%

Question 7

The table shows the predicted and actual snowfall for a city. What is the percent error of the prediction? Round to the nearest tenth.

Snowfall	Inches
Predicted	6.75
Actual	10.25

A		51.9%	C		34.1%
B		65.9%	D		3.5%

Question 8

Aisha's mother estimates that half a US gallon of fruit punch remains in a container. There are actually 72 fluid ounces. Use 1 US gallon = 128 fluid ounces. What is the percent error of her estimate? Round to the nearest tenth.

A		12.5%	C		88.9%
B		11.1%	D		144%

Unit 3 : Important notes and formulas

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q12	Use different methods, including algebra tiles, number lines, or absolute value, to add integers.	1-6	137

Question 1					
What is the sum of $-3 + (-8)$?					
A		11	C		-11
B		5	D		-5
Question 2					
What is the sum of $-11 + (-13)$?					
A		-24	C		24
B		-2	D		2
Question 3					
What is the sum of $9 + (-35)$?					
A		44	C		-44
B		26	D		-26
Question 4					
What is the sum of $-28 + 14$?					
A		42	C		-42
B		-14	D		14

Question 5					
What is the sum of $-22 + (-10) + 15$?					
A		17	C		-17
B		-47	D		3

Question 6					
What is the sum of $18 + (-12) + 5$?					
A		11	C		1
B		35	D		-11

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q13	Use number lines and mathematical properties to multiply integers.	1-9	157

Question 1					
What is the product of $(4)(-7)$?					
A		-3	C		38
B		-28	D		28
Question 2					
What is the product of $(-14)(5)$?					
A		-70	C		70
B		-9	D		80
Question 3					
What is the product of $(9)(-12)$?					
A		-108	C		108
B		-3	D		118
Question 4					
What is the product of $(-6)(-8)$?					
A		58	C		48
B		-48	D		-14

Question 5					
What is the product of $(-10)\ \ (-10)$?					
A		-20	C		110
B		-100	D		100
Question 6					
What is the product of $(-11)\ \ (-13)$?					
A		-24	C		143
B		153	D		-143
Question 7					
What is the product of $(7\ )(-5)\ (\ 4)$?					
A		6	C		-140
B		140	D		150
Question 8					
What is the product of $(-8)\ (-7)\ (\ 3)$?					
A		178	C		-168
B		-12	D		168
Question 9					
What is the product of $(-2)\ \ (-12)\ (-8)$?					
A		-192	C		192
B		202	D		-22

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q14	Use the order of integer operations to evaluate expressions.	1-6	169

Question 1					
What is the value of $-5(6) + (-9)$?					
A		-21	C		-75
B		39	D		-39
Question 2					
What is the value of $\frac{-36}{9} + (-7)$?					
A		11	C		-11
B		-43	D		3
Question 3					
Evaluate $-4\,(-8) + (-10)$.					
A		22	C		-42
B		-22	D		42
Question 4					
Evaluate $2\ (-5)(-6) - (-12)$.					
A		48	C		-48
B		72	D		-72

Question 5					
Evaluate $10\ (-3)(4) - (-15)$.					
A		-135	C		135
B		105	D		-105
Question 6					
Evaluate $2\ (\frac{-80}{4}) - 14$.					
A		-47	C		-26
B		-54	D		26

Unit 4 : Important notes and formulas

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q15	Convert fractions to decimal equivalents using division.	1-12	183

Question 1

Which option gives the exact decimal equivalent of $\frac{5}{8}$ and correctly classifies it?

A		0.625; terminating.	C		-0.58; terminating.
B		0.625; nonterminating repeating.	D		0.58; terminating.

Question 2

Which option gives the exact decimal equivalent of $-\frac{3}{4}$ and correctly classifies it?

A		0.34; terminating.	C		-0.75; nonterminating repeating.
B		-0.75; terminating.	D		-0.34; terminating.

Question 3

Which option gives the exact decimal equivalent of $\frac{2}{9}$ and correctly classifies it?

A		0.2; terminating.	C		$0.\overline{2}$; terminating.
B		$0.\overline{2}$; nonterminating repeating.	D		-0.2; terminating.

Question 4

Which option gives the exact decimal equivalent of $-\frac{5}{6}$ and correctly classifies it?

A		-0.83; terminating.	C		0.83; terminating.
B		$-0.8\overline{3}$; terminating.	D		$-0.8\overline{3}$; nonterminating repeating.

Question 5					
Which option gives the exact decimal equivalent of $-\frac{4}{5}$ and correctly classifies it?					
A		-0.8; terminating.	C		-0.45; terminating.
B		-0.8; nonterminating repeating.	D		0.45; terminating.

Question 6					
Which option gives the exact decimal equivalent of $\frac{23}{50}$ and correctly classifies it?					
A		0.46; terminating.	C		-0.23; terminating.
B		0.46; nonterminating repeating.	D		0.23; terminating.

Question 7					
Which option gives the exact decimal equivalent of $-\frac{9}{22}$ and correctly classifies it?					
A		-0.409; terminating.	C		$-0.4\overline{09}$; nonterminating repeating.
B		$-0.4\overline{09}$; terminating.	D		0.409; terminating.

Question 8					
Which option gives the exact decimal equivalent of $\frac{17}{24}$ and correctly classifies it?					
A		-0.7083; terminating.	C		$0.708\overline{3}$; nonterminating repeating.
B		0.7083; terminating.	D		$0.708\overline{3}$; terminating.

Question 9					
Which option gives the exact decimal equivalent of $-\frac{1}{33}$ and correctly classifies it?					
A		$-0.\overline{03}$; terminating.	C		$-0.\overline{03}$; nonterminating repeating.
B		-0.03; terminating.	D		0.03; terminating.
Question 10					
Which option gives the exact decimal equivalent of $-\frac{11}{40}$ and correctly classifies it?					
A		0.114; terminating.	C		-0.275; terminating.
B		-0.114; terminating.	D		-0.275; non-terminating repeating.
Question 11					
Which option gives the exact decimal equivalent of $\frac{7}{32}$ and correctly classifies it?					
A		0.21875; terminating.	C		0.21875; non-terminating.
B		0.732; terminating.	D		0.732; non-terminating.
Question 12					
Which option gives the exact decimal equivalent of $-\frac{3}{7}$ and correctly classifies it?					
A		$-0.\overline{428571}$; terminating.	C		$-0.\overline{428571}$; nonterminating repeating.
B		0.428571; terminating.	D		-0.428571; terminating.

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q16	Find the additive inverse of a rational number.	1-6	195

Question 1					
What is the additive inverse of $-\frac{1}{2}$?					
A		$\frac{1}{2}$	C		$-\frac{1}{2}$
B		-2	D		2
Question 2					
What is the additive inverse of 0.25?					
A		$-\frac{1}{4}$	C		-4
B		$\frac{1}{4}$	D		4
Question 3					
What is the additive inverse of $\frac{9}{10}$?					
A		$\frac{10}{9}$	C		$-\frac{9}{10}$
B		$-\frac{10}{9}$	D		$\frac{9}{10}$
Question 4					
What is the additive inverse of -0.4?					
A		$-\frac{2}{5}$	C		$\frac{2}{5}$
B		$\frac{5}{2}$	D		$-\frac{5}{2}$
Question 5					
Ahmed starts the week with AED 0. He earns AED 24.50 from dog-sitting and AED 12.70 from recycling cans. Which option gives his total earnings and an action that leaves him with AED 0, assuming no other transactions?					
A		Ahmed spends AED 24.50 on a game.	C		Ahmed spends AED 37.20 on a backpack.
B		Ahmed receives AED 37.20 as a gift.	D		Ahmed spends AED 11.80 on a book.

Question 6					
Maryam spends AED 3.89 on a magazine and AED 4.86 on a smoothie. Which option gives her total spending and the amount she would need to earn to exactly offset that spending?					
A		Maryam receives AED 8.75 from her mother before making her purchases.	C		Maryam has saved AED 10.00 before making her purchases.
B		Maryam receives AED 0.97 from her mother before making her purchases.	D		Maryam spends another AED 8.75 on a book.

Question 7 _Extra					
Zaid pays AED 25.50 for lunch and AED 12.25 for a copybook. Which situation gives him exactly enough money to pay for both items and end the day with AED 0, assuming he has no other money?					
A		Zaid borrows AED 37.00 from his brother.	C		Zaid's mother gives him a daily allowance of AED 37.75.
B		Zaid gives AED 37.78 to his brother.	D		Zaid has saved AED 40.00.

Question 8_Extra					
Hiyam already has AED 40 and earns another AED 80. Which situation leaves her with AED 0, assuming no other transactions?					
A		Hiyam's mother gives her AED 120.	C		Hiyam buys a dress for AED 80.
B		Hiyam gives her sister AED 40.	D		Hiyam buys a bag for AED 120.

Question 9_Extra					
Hala starts with AED 0. She earns AED 18.75 washing a car and AED 13.40 helping a neighbor. Which situation leaves her with AED 0, assuming no other transactions?					
A		Hala spends AED 22.15 on a book.	C		Hala spends AED 31.15 on a game.
B		Hala receives AED 32.15 as a gift.	D		Hala spends AED 32.15 on a backpack.

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q17	Subtract rational numbers by adding the additive inverse.	1-12	201

Question 1

What is the difference $-2.45 - (-3.9)$?

A		1.45	C		-1.45
B		4.45	D		-6.35

Question 2

What is the difference $-4.6 - (-2.31)$?

A		0.71	C		-2.29
B		2.29	D		-6.91

Question 3

What is the difference $5.47 - (-2.8)$?

A		-8.27	C		8.27
B		2.67	D		11.27

Question 4

What is the difference $-6.2 - 3.79$?

A		-2.41	C		9.99
B		-6.99	D		-9.99

Question 5					
What is the difference $7\frac{5}{12} - (-3\frac{3}{4})$?					
A		$11\frac{1}{6}$	C		$-27\frac{13}{16}$
B		$3\frac{2}{3}$	D		$-11\frac{1}{6}$

Question 6					
What is the difference $5\frac{9}{10} - (-8\frac{2}{5})$?					
A		$-2\frac{1}{2}$	C		$14\frac{3}{10}$
B		$-49\frac{14}{25}$	D		$-14\frac{3}{10}$

Question 7					
What is the difference $-\frac{7}{8} - 2\frac{1}{6}$?					
A		$3\frac{1}{24}$	C		$-3\frac{1}{24}$
B		$-1\frac{43}{48}$	D		$1\frac{7}{24}$

Question 8					
What is the difference $-\frac{8}{15} - 3\frac{4}{5}$?					
A		$4\frac{1}{3}$	C		$-4\frac{1}{3}$
B		$-2\frac{2}{75}$	D		$3\frac{4}{15}$

Question 9					
What is the difference $-9\frac{7}{10} - (-4\frac{3}{5})$?					
A		$-5\frac{1}{10}$	C		$-14\frac{3}{10}$
B		$5\frac{1}{10}$	D		$44\frac{31}{50}$

Question 10					
What is the difference $\frac{5}{6} - (-\frac{3}{4})$?					
A		$1\frac{7}{12}$	C		$-\frac{1}{6}$
B		$\frac{1}{12}$	D		$\frac{1}{6}$

Question 11					
What is the difference $-\frac{2}{3} - (-\frac{1}{2})$? Write the answer in simplest form.					
A		$\frac{1}{3}$	C		$-\frac{1}{6}$
B		$-1\frac{1}{6}$	D		$\frac{1}{6}$

Question 12					
What is the difference $-\frac{7}{10} - (-\frac{4}{15})$?					
A		$\frac{14}{75}$	C		$-\frac{13}{30}$
B		$-\frac{29}{30}$	D		$\frac{13}{30}$

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q18	Use the rules for multiplying integers to multiply rational numbers.	1-6	211

Question 1

What is the product of $-\frac{1}{2}\ (-\frac{4}{5})$?

A		$-\frac{2}{5}$	C		$\frac{5}{8}$
B		$-1\frac{3}{10}$	D		$\frac{2}{5}$

Question 2

What is the product of $-\frac{3}{8}\ (-\frac{8}{9})$?

A		$-1\frac{19}{72}$	C		$\frac{1}{3}$
B		$\frac{27}{64}$	D		$-\frac{1}{3}$

Question 3

What is the product of $-\frac{1}{4}\ (-\frac{4}{5})$?

A		$\frac{1}{5}$	C		$-\frac{1}{5}$
B		$\frac{5}{16}$	D		$-1\frac{1}{20}$

Question 4

What is the product of $1\frac{4}{9}\ (-2\frac{4}{7})$?

A		$-\frac{91}{162}$	C		$-3\frac{5}{7}$
B		$3\frac{5}{7}$	D		$-1\frac{8}{63}$

Question 5					
What is the product of $1\frac{1}{10}$ $(-6\frac{7}{8})$?					
A		$-\frac{4}{25}$	C		$7\frac{9}{16}$
B		$-5\frac{31}{40}$	D		$-7\frac{9}{16}$

Question 6					
What is the product of $-5\frac{1}{4}$ $(-4\frac{2}{3})$?					
A		$1\frac{1}{8}$	C		$-24\frac{1}{2}$
B		$-9\frac{11}{12}$	D		$24\frac{1}{2}$

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q19	Use the rules for dividing integers to divide rational numbers.	1-5	219

Question 1

What is the quotient of $-\frac{6}{7} \div \frac{3}{14}$?

A		$-\frac{1}{4}$	C		$-\frac{9}{49}$
B		-4	D		4

Question 2

What is the quotient of $-\frac{3}{4} \div (-\frac{1}{2})$?

A		$\frac{2}{3}$	C		$1\frac{1}{2}$
B		$-1\frac{1}{2}$	D		$\frac{3}{8}$

Question 3

What is the quotient of $\frac{2}{3} \div (-\frac{4}{9})$?

A		$-\frac{2}{3}$	C		$-\frac{8}{27}$
B		$1\frac{1}{2}$	D		$-1\frac{1}{2}$

Question 4

What is the quotient of $-\frac{4}{7} \div \frac{8}{9}$?

A		$-\frac{32}{63}$	C		$-1\frac{5}{9}$
B		$-\frac{9}{14}$	D		$\frac{9}{14}$

Question 5

What is the quotient of $-\frac{3}{5} \div (-\frac{3}{4})$?

A		$-\frac{4}{5}$	C		$\frac{4}{5}$
B		$1\frac{1}{4}$	D		$\frac{9}{20}$

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
MCQ	Q20	Use the four operations on rational numbers to solve real-world problems.	1-6	225

Question 1

If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $\frac{a}{b} - c + d$?

A		$-2\frac{11}{20}$	C		$-\frac{19}{20}$
B		$-3\frac{1}{20}$	D		$2\frac{11}{20}$

Question 2

If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $a + b + cd$?

A		$1\frac{39}{80}$	C		$-\frac{51}{80}$
B		$\frac{99}{320}$	D		$\frac{51}{80}$

Question 3

If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $c - a + \frac{b}{d}$?

A		$1\frac{27}{40}$	C		$-1\frac{33}{40}$
B		$1\frac{33}{40}$	D		$-2\frac{1}{20}$

Question 4					
If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $\frac{b}{a} + \frac{c}{d}$?					
A		$-\frac{117}{640}$	C		$-2\frac{7}{10}$
B		$-3\frac{7}{10}$	D		$2\frac{7}{10}$

Question 5					
If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $d^2 - b$?					
A		$-\frac{3}{8}$	C		$\frac{15}{16}$
B		$\frac{1}{2}$	D		$-\frac{1}{2}$

Question 6					
If $a = \frac{7}{8}, b = -\frac{7}{16}, c = 0.8$, and $d = \frac{1}{4}$, what is the value of $a + \frac{b}{c} - d$?					
A		$\frac{5}{64}$	C		$\frac{37}{64}$
B		$-\frac{5}{64}$	D		$\frac{11}{40}$

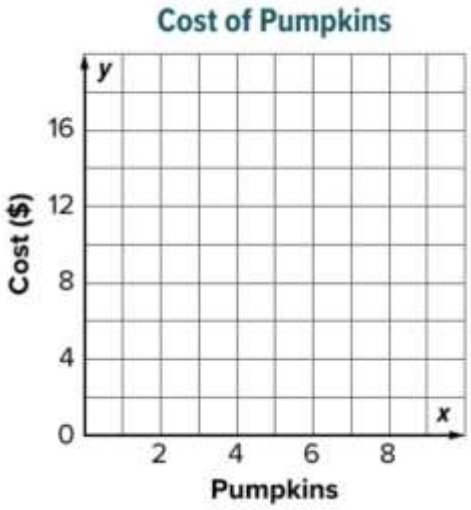
نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
FRQ	Q21	Determine if a relationship is proportional by analyzing its graph.	1-2 8	39 60

Question 1

The cost of pumpkins is shown in the table.

a) Graph the ordered pairs on the coordinate plane.

Number of Pumpkins	0	1	2	3	4
Cost ($)	0	4	8	12	16



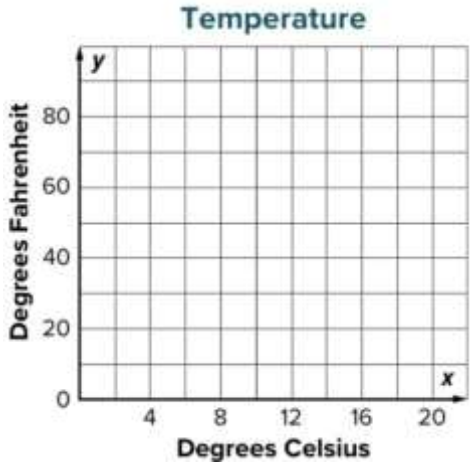
b) Determine whether the cost is proportional to the number of pumpkins bought. Explain your reasoning.

Q2

The table shows temperatures in degrees Celsius and their equivalent temperatures in degrees Fahrenheit.

a) Graph the ordered pairs on the coordinate plane.

Celsius (degrees)	0	5	10	15	20
Fahrenheit (degrees)	32	41	50	59	68

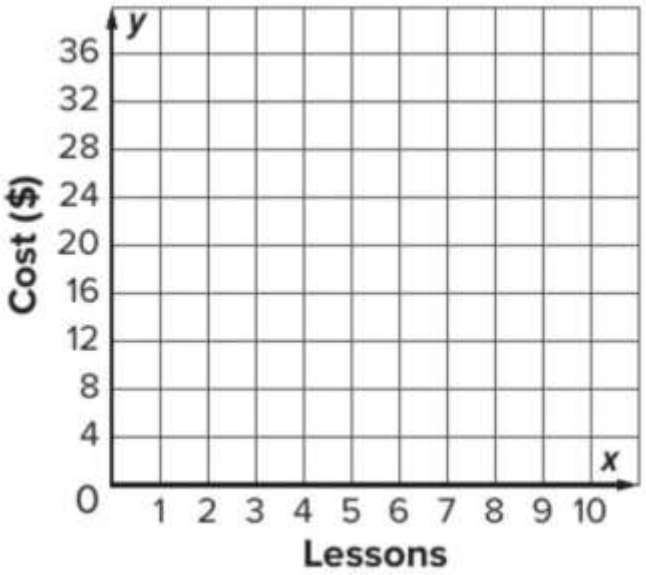


b) Determine whether the temperature in degrees Fahrenheit is proportional to the temperature in degrees Celsius. Explain your reasoning.

Question 3

The cost of dance lessons is $12 for 1 lesson, $22 for 2 lessons, and $32 for 3 lessons.

a) Graph the ordered pairs on the coordinate plane.



b) Determine whether the cost is proportional to the number of lessons. Explain your reasoning.

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
FRQ	Q22	Use proportional relationships to find the amount to pay for a tip and the amount of markup on items.	6-10	89

Question 1

The wholesale cost of a bicycle is $98.75. The markup for the bicycle is 33.3%.

a) Find the amount of markup. Round to the nearest cent.

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b) Find the selling price of the bicycle**.** Round to the nearest cent.

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Question 2

The wholesale cost for a purse in a department store is $12.50. The store plans to mark up the purse by 140%. Find the selling price of the purse**.** Round to the nearest cent.

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Question 3

Hanan is making doll clothes for a holiday craft show. The wholesale cost of the materials for one outfit is $9.38.

a) What is the amount of markup If she sells an outfit for $15?

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b) what is the percent of markup? Round to the nearest percent

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Question 4

A pet store sells a large dog kennel for $98.50. The wholesale cost of the kennel is $63.55. What is the percent of markup? Round to the nearest percent.

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Question 5

An elementary school wants to purchase a new swing set. The table shows the wholesale prices of the swing sets they are interested in buying. The markup for both swing sets is $20\frac{1}{4}\%$.

Swing Set	Wholesale Price ($)
Adventurers	3,056
Thunder Ridge	4,125

a) What is the amount of markup if the school decides to buy the Adventurers swing set. Round to the nearest cent.

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b) Find the selling price of the swing set**.** Round to the nearest cent.

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نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
FRQ	Q23	Use number lines and mathematical properties to multiply integers.	10-15	157

Question 1

Evaluate ab if a = −16 and b = −5.

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Question 2

Evaluate xy if x = −10 and y = −7.

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Question 3

Evaluate xyz^2 if x = −2, y = 7, and z = −4.

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Question 4

Evaluate a^2bc if a = 3, b = −14, and c = −6.

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Question 5

Mrs. Rockwell lost money on an investment at a rate of $4 per day. What is the change in her investment, due to the lost money, after 4 weeks?

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Question 6

The table shows the number of questions answered incorrectly by each player on a game show. If each missed question is worth −7 points, what is the change in Olive's score due to the incorrect questions?

Player	Incorrect Questions
Laura	8
Olive	9

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Question 7_Extra

The table shows the number of questions answered incorrectly by each player on a game show. If each missed question is worth −7 points, what is the change in Laura's score due to the incorrect questions?

Player	Incorrect Questions
Laura	8
Olive	9

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Question 8_Extra
A submarine descends at a rate of 6 meters per day. What is the change in its position due to the descent after 3 weeks? ....

نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
FRQ	Q24	Add rational numbers.	7-16	195

Question 1

Add. Write in simplest form.

$$3\frac{5}{6} + (-1\frac{1}{6}).$$

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Question 2

Add. Write in simplest form.

$$-13\frac{1}{4} + 4\frac{3}{4}$$

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Question 3

Add. Write in simplest form.

$$-\frac{2}{3} + 2\frac{3}{8}$$

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Question 4

Add. Write in simplest form.

$$2\frac{1}{2} + (-\frac{1}{3})$$

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Question 5

Add. Write in simplest form.

$$-3.7 + \frac{1}{4}$$

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Question 6

Add. Write in simplest form.

$$\frac{1}{3} + 4.1$$

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Question 7

Add. Write in simplest form. .

$$-1\frac{1}{4} + 0.75 + 0.45$$

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Question 8

Add. Write in simplest form.

$$-0.25 + 3\frac{1}{6} + 2\frac{1}{12}$$

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Question 9

Marlee is making jewelry for a class craft show. She began with 115 inches of wire. She used 25.75 inches for rings. Then her teacher gave her $30\frac{1}{4}$ inches of wire to make more jewelry. She then used $38\frac{1}{2}$ inches for the bracelets and 60.2 inches for necklaces. How much wire does Marlee have left?

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Question 10

Open Response The table shows the change in the amount of food for a male sea otter at a zoo. The zookeeper starts with 100.75 pounds of food and tracks how much the otter eats and any food deliveries. What is the food supply after Day 4?

Day	1	2	3	4
Change in Food Supply (pounds)	$-20\frac{1}{16}$	$-23\frac{3}{8}$	-25.25	$75\frac{3}{4}$

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نوع الأسئلة Question type	Q	Learning outcome ناتج التعلم	Example/Exercise مثال/تمرين	Page الصفحة
FRQ	Q25	Use the rules for dividing integers to divide rational numbers.	6-12	219

Question 1

Divide. Write your answer in simplest fraction form.

$$-5\frac{3}{4} \div \left(2\frac{1}{16}\right)$$

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Question 2

Divide. Write your answer in simplest fraction form.

$$7\frac{1}{2} \div \left(-2\frac{5}{6}\right)$$

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Question 3

Divide. Write your answer in simplest fraction form.

$$-3\frac{4}{9} \div \left(-2\frac{1}{3}\right)$$

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Question 4

Divide. Write your answer in simplest fraction form.

$$2\frac{2}{3} \div \left(-1\frac{1}{6}\right)$$

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Question 5

Divide. Write your answer in simplest fraction form.

$$-3\frac{2}{5} \div \left(-5\frac{1}{10}\right)$$

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Question 6

Divide. Write your answer in simplest fraction form.

$$-5\frac{1}{4} \div \frac{7}{8}$$

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Question 7

Divide. Write your answer in simplest fraction form.

$$8\frac{1}{3} \div (-\frac{5}{9})$$

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