# اختبار تدريبي 12 متقدم


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|---|
| تم تحميل هذا الملف من موقع المناهج الإماراتية |
| موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الرابع ⇦ رياضيات ⇦ الفصل الثالث ⇦ اختبارات ⇦ الملف |
| تاريخ إضافة الملف على موقع المناهج: 16-04-2026 10:23:02 |

| | |
|---|---|
| المزيد من مادة رياضيات: | 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 |

التواصل الاجتماعي بحسب الصف الرابع

| | | | | | |
|---|---|---|---|---|---|
| صفحة المناهج الإماراتية على فيسبوك | | | | | |
| المواد على تلغرام | التربية الاسلامية | اللغة العربية | اللغة الانجليزية | الرياضيات | |


المزيد من الملفات بحسب الصف الرابع والمادة رياضيات في الفصل الثالث

| | |
|---|---|
| 1 | حل أوراق عمل الدرس الخامس Numbers Mixed and Fractions involving Problems Solve من الوحدة 11 منهج ريفيل |
| 2 | أوراق عمل الدرس الخامس Numbers Mixed and Fractions involving Problems Solve من الوحدة 11 منهج ريفيل |
| 3 | حل أوراق عمل الدرس الرابع Number Whole a by Number Mixed a Multiply من الوحدة 11 منهج ريفيل |
| 4 | أوراق عمل الدرس الرابع Number Whole a by Number Mixed a Multiply من الوحدة 11 منهج ريفيل |
| 5 | مراجعة الوحدة 11 جمع الاعداد العشرية وطرحها 2026 |

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# Unit 12 – L 2

Lesson 12-2

## Understand Decimal Notation

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أستاذ الرياضيات / محمد إبراهيم

## Learn

Kayla won the first swimming event by $\frac{2}{10}$ second.

Jensen won the second swimming event by $\frac{37}{100}$ second.

**What are other ways that you can represent these times?**

You can write a fraction with a denominator of 10 or 100 as a **decimal**.

$\frac{2}{10} = 0.2$ two tenth

$\frac{37}{100} = 0.37$ thirty seven hundredth

1

$\frac{1}{10}$ or 0.1

$\frac{1}{100}$ or 0.01

| ones | tenths |
|---|---|
| 1 | 0 |

| ones | tenths |
|---|---|
| 0 | 1 |

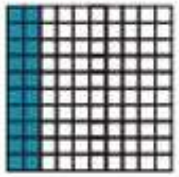
| ones | tenths | hundredths |
|---|---|---|
| 0 | 0 | 1 |

Decimal point

A decimal has a **decimal point**.

It separates the whole-number part from the decimal part.

$\frac{2}{10}$ can be written as 0.2 or 0.20.



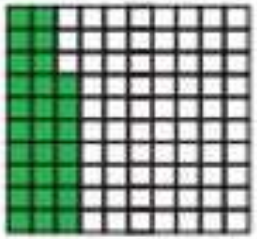
| ones | tenths | hundredths |
|---|---|---|
| 0 | 2 | 0 |

$\frac{37}{100}$ can be written as 0.37.

| ones | tenths | hundredths |
|---|---|---|
| 0 | 3 | 7 |

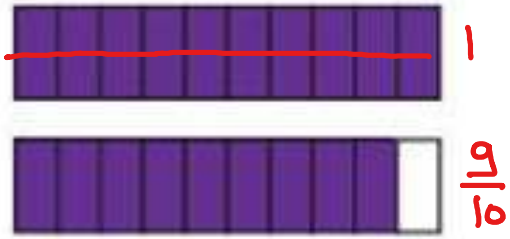
What number does the model represent? Write it as a fraction or mixed number and as a decimal.

1.



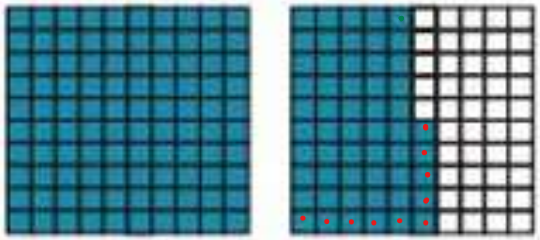
$\frac{27}{100} = 0.27$

2.




$1\frac{9}{10} = 1.9$

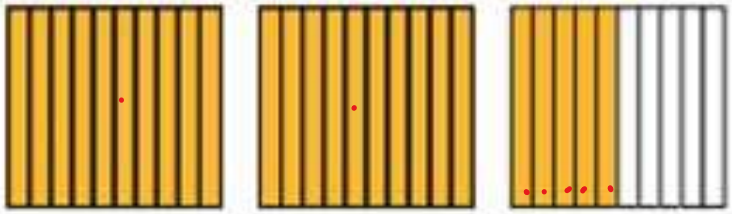
3.



1 $\frac{55}{100}$

$1\frac{55}{100} = 1.55$

4.



1 1 $\frac{5}{10}$

$2\frac{5}{10} = 2.5$

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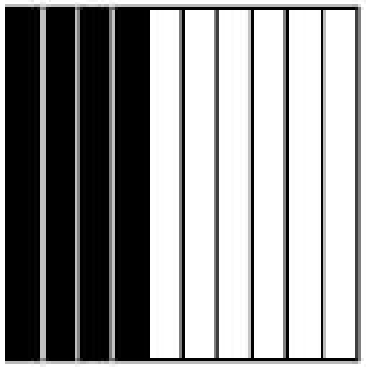
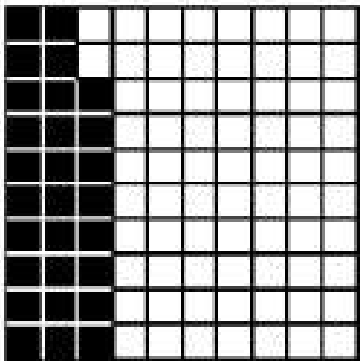
Write a fraction and a decimal for each representation.

1.



$\frac{4}{10} = 0.4$

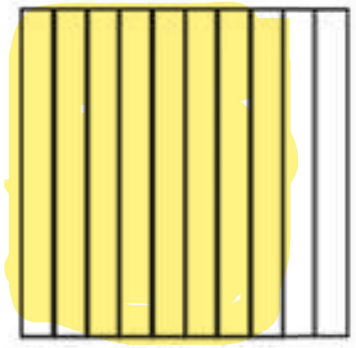
2.



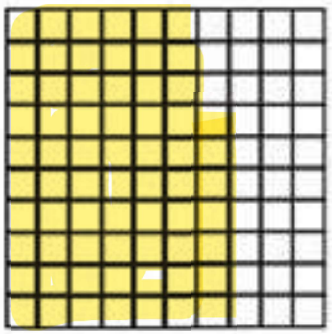
$\frac{28}{100} = 0.28$

How can you shade the grid to represent the decimal?

5. 0.8



6. 0.67



Complete the equation by writing an equivalent decimal, fraction, or mixed number.

7. $\frac{9}{100}$ = 0.09

8. $\frac{9}{10}$ = 0.9

9. $\frac{6}{10}$ = 0.6

10. $1\frac{4}{100}$ = 1.04

## Work Together

Alan uses a board that is $1\frac{7}{10}$ meters long. Hannah uses a board that is $1\frac{56}{100}$ meters long. How can you express each length as a decimal?

$1\frac{7}{10} = 1.7$

$1.7$

$1\frac{56}{100} = 1.56$

$1.56$

**11.** A newborn puppy weighs $\frac{3}{10}$ kilogram. What is the weight of the puppy written as a decimal?

$\frac{3}{10} = 0.3$

**12.** **STEM Connection** A computer programmer is writing code for a game. A balloon appears in the game for $1\frac{2}{100}$ seconds. What decimal represents this time?

$1\frac{2}{100} = 1.02$

1.02

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13. Which of the following is a pair of equivalent numbers? Choose the correct answer.

A. $\frac{2}{10}$ and $\cancel{2.10}$ 0.2

B. 0.9 and $\frac{9}{10}$

C. 1.6 and $\cancel{\frac{1}{6}}$ $1\frac{6}{10}$

D. $1\frac{3}{10}$ and $\cancel{0.3}$ 1.3

**Write each amount as a decimal.**

**4.** $2\frac{79}{100}$ 2.79

**5.** six hundredths 0.06

**6.** one and 2 tenths 1.2

**7.** $1\frac{5}{10}$ 1.5

**8.** $2\frac{9}{10}$ 2.9

**9.** $1\frac{7}{100}$ 1.07