

حساب الضرائب والتكلفة الإجمالية



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ⇨ المناهج الإماراتية ⇨ الصف السابع ⇨ رياضيات ⇨ الفصل الأول ⇨ ملفات متنوعة ⇨ الملف

تاريخ إضافة الملف على موقع المناهج: 2026-10-10 11:10:21

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة
رياضيات:

إعداد: طارق علي

التواصل الاجتماعي بحسب الصف السابع



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف السابع والمادة رياضيات في الفصل الأول

النسب المئوية والتقدير

1

اختبار الوحدة الثانية - ريفيل

2

اختبار الوحدة الثانية

3

دليل إيجاد معدلات الوحدة مع الكسور منهج ريفيل

4

دليل حساب النسبة المئوية للتغير منهج ريفيل

5

تحميل تطبيق المناهج للهواتف الذكية

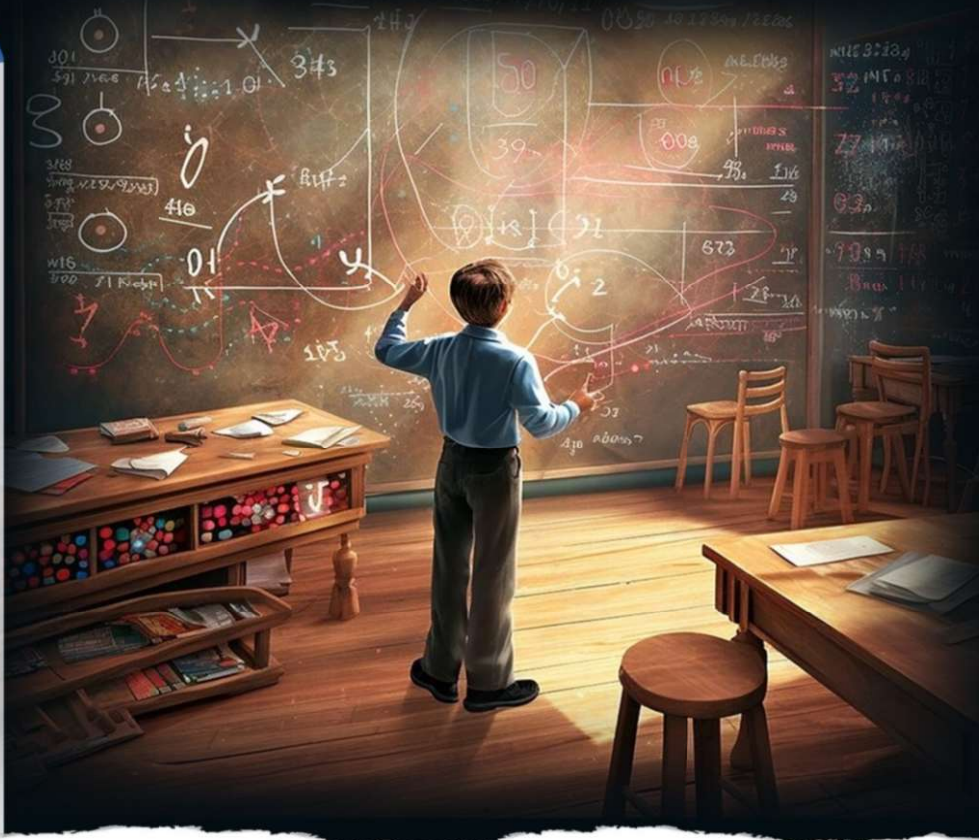
تطبيق المناهج على Play Google (أندرويد)

تطبيق المناهج على Store App (آبل)

الطارق سلسلة

الرياضيات

2-2



منصة طارق أكاديمي للرياضيات

Tarek Academy

صف سابع (عام ريفيل)

طارق علي

أستاذ الرياضيات



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tax is a state or local tax that is **added** to the **price**

$$Total\ Cost = cost + cost \times \frac{\%}{100}$$

Example 1 Sales Tax

Carie wants to buy sports equipment that costs \$140. The sales tax in her city is 5.75%.

What is the total cost of the equipment?

$$Cost + Cost \times \frac{\%}{100}$$

$$140 + 140 \times \frac{5.75}{100}$$

$$140 + 1.4 \times 5.75$$

$$140 + 8.05 = 140.00 + 8.05 = 148.05 \$$$

$$\begin{array}{r} 575 \\ \times 14 \\ \hline 2300 \\ + 5750 \\ \hline 8050 \end{array}$$

$$Total\ Cost = cost + cost \times \frac{\%}{100}$$

$$\frac{T}{Total} = \frac{\%}{100}$$





Check

Ashley is buying a laptop that sells for \$749. The sales tax rate in her city is $8\frac{1}{4}\%$. What is the total cost for the laptop? Round your answer to the nearest cent. Use any strategy.

$$\text{Cost} + \text{Cost} \times \frac{\%}{100}$$

$$749 + 749 \times \frac{8.25}{100}$$

$$749 + 7.49 \times 8.25 =$$

$$749.00 + 61.79 =$$

$$= 810.79 \$$$

$$\begin{array}{r} 825 \\ \times 749 \\ \hline 7425 \\ + 33000 \\ \hline 577500 \\ \hline 617925 \end{array}$$

Example 2 Hotel Tax

The cost of a hotel room rented for 2 nights is \$280. There is also a 12% hotel room tax.

What is the total cost of the hotel room?

$$280 + 280 \times \frac{12}{100} = 280 + 28 \times 1.2$$

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$$= 280.0 + 33.6$$

$$= 313.60 \$$$

$$\begin{array}{r} \times 28 \\ 1.2 \\ \hline 156 \\ + 280 \\ \hline 33.6 \end{array}$$

Check

The cost of a hotel room for 5 nights is \$610. There is a 9.5% hotel tax. What is the total cost of the hotel room? Use any strategy.

$$= 610 + 610 \times \frac{9.5}{100}$$

$$= 610 + 6.1 \times 9.5$$

$$= 610.00 + 57.95$$

$$= 667.95 \$$$

$$\begin{array}{r} \times 95 \\ 61 \\ \hline 95 \\ + 5490 \\ \hline 5795 \end{array}$$

Example 3 Sales Tax

Henry purchases \$56.00 worth of clothing at the store. The sales tax in his city is 7.5%.

What is the total cost of the clothing?

$$56 + 56 \times \frac{7.5}{100} = 56 + 0.56 \times 7.5$$





$$56.00 + 4.20$$

$$= 60.20 \$$$

$$\begin{array}{r} 75 \\ \times 56 \\ \hline 450 \\ + 3750 \\ \hline 4200 \end{array}$$

Check

Jimena purchased \$24 worth of crafting supplies. The tax rate in her city is 6.25%. What is the total cost of the crafting supplies? Use any strategy.

$$24 + 24 \times \frac{6.25}{100}$$

$$24 + 0.24 \times 6.25$$

$$24.00 + 1.50 =$$

$$25.50 \$$$

$$\begin{array}{r} 625 \\ \times 24 \\ \hline 2500 \\ + 12500 \\ \hline 15000 \end{array}$$

في الرياضيات

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Apply Shopping

Davit goes shopping at his local grocery store and buys the items shown in the table. In the city he lives, there is a 7.3% sales tax on all items, except food. How much money does Davit spend at the grocery store? Round to the nearest cent if necessary.

Item	Cost (\$)
Chicken	6.25
Carrots	1.99
Potatoes	2.55
Paper Plates	5.50
Napkins	6.15

$$* \text{Food} = 6.25 + 1.99 + 2.55 = 10.79 \$$$

$$* \text{Not Food} = 5.50 + 6.15 = 11.65 \$$$

$$\text{Food} + \left(\text{Not} + \text{Not} \times \frac{\%}{100} \right)$$

$$10.79 + 11.65 + 11.65 \times \frac{7.3}{100}$$

$$= 22.44 + 0.85045$$

$$= 22.44 + 0.85045$$

$$= 22.44 + 0.85 = 23.29 \$$$

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سلسلة الطرق في الرياضيات

Grade

7

Reveal



Practice

Go Online You can complete your homework online.

Find the total cost to the nearest cent. (Examples 1-3)

1. \$18 breakfast; 7% tax

$$18 + 18 \times \frac{7}{100}$$

$$18 + 0.18 \times 7 = 18.00 + 1.26 = 19.26 \$$$

2. \$24 shirt; 6% tax

$$24 + 24 \times \frac{6}{100}$$

$$24 + 0.24 \times 6$$

$$24.00 + 1.44 = 25.44 \$$$

3. \$49.95 pair of shoes; 5% tax

$$49.95 + 49.95 \times \frac{5}{100}$$

$$49.95 + 0.4995 \times 5$$

$$49.95 + 2.4975 =$$

$$49.95 + 2.50$$

$$= 52.45 \$$$

4. Emily wants to buy new boots that cost \$68.

The sales tax rate in her city is $5\frac{1}{2}\%$. What is

the total cost for the boots? (Example 1)

$$68 + 68 \times \frac{5.5}{100} = 68 + 0.68 \times 5.5$$

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$$68.00 + 3.74 \\ = 71.74 \$$$

$$\begin{array}{r} \times 68 \\ 55 \\ \hline 340 \\ + 3400 \\ \hline 3740 \end{array}$$

5. Jack wants to buy a coat that costs \$74.95. The sales tax rate in his city is $6\frac{1}{2}\%$. What is the total cost for the coat? (Example 1)

$$74.95 + 74.95 \times \frac{6.5}{100} \\ 74.95 + 0.7495 \times 6.5 \\ 74.95 + 4.87 = 79.82 \$$$

$$\begin{array}{r} 7495 \\ \times 65 \\ \hline 487175 \\ \hline \approx 4.87 \end{array}$$

6. Mr. Phuong stayed in a hotel room for 2 nights that cost \$210. The hotel room tax rate in the city is 12%. What is the total cost for the hotel room? (Example 2)

$$= 210 + 210 \times \frac{12}{100}$$

$$= 210 + 2.1 \times 12$$

$$= 210.00 + 25.20 = 235.20 \$$$

$$\begin{array}{r} \times 21 \\ 12 \\ \hline 42 \\ + 210 \\ \hline 252 \end{array}$$





7. The cost of a hotel room during Lacy's trip is \$325. The hotel room tax in the city she is in is 10.5%. What is the total cost of the hotel room? (Example 2)

$$325 + 325 \times \frac{10.5}{100}$$

$$325 + 3.25 \times 10.5$$

$$325.00 + 34.13$$

$$= 359.13 \$$$

$$\begin{array}{r} 325 \\ \times 105 \\ \hline 34.125 \\ \approx 34.13 \end{array}$$

8. Robert spends \$30.45, before tax, at the bookstore. If the sales tax rate in his city is 7.25%, what is the total cost of his purchase? (Example 3)

$$= 30.45 + 30.45 \times \frac{7.25}{100}$$

$$= 30.45 + 0.3045 \times 7.25$$

$$= 30.45 + 2.21$$

$$= 32.66 \$$$



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Grade

7

Reveal



9. **Multiple Choice** Anya purchased \$124.35 worth of home improvement items at the hardware store. If the sales tax rate in her city is 6.75%, what is the total cost of her purchase? (Example 3)

H-w

- (A) \$131.10
- (B) \$8.39
- (C) \$115.96
- (D) \$132.74

استاذ
طارق علي
في الرياضيات

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Grade

7

Reveal



Apply

H - 3

10. Jen purchased the items shown in the table. In the city she lives in, the sales tax rate is 7.15%. In another city, the sales tax rate is 6.35%. How much more is she spending if she purchases the items in the city where she lives? Round to the nearest cent.

Item	Cost (\$)
shirt	11.99
shoes	35.50
belt	6.75
socks	3.00

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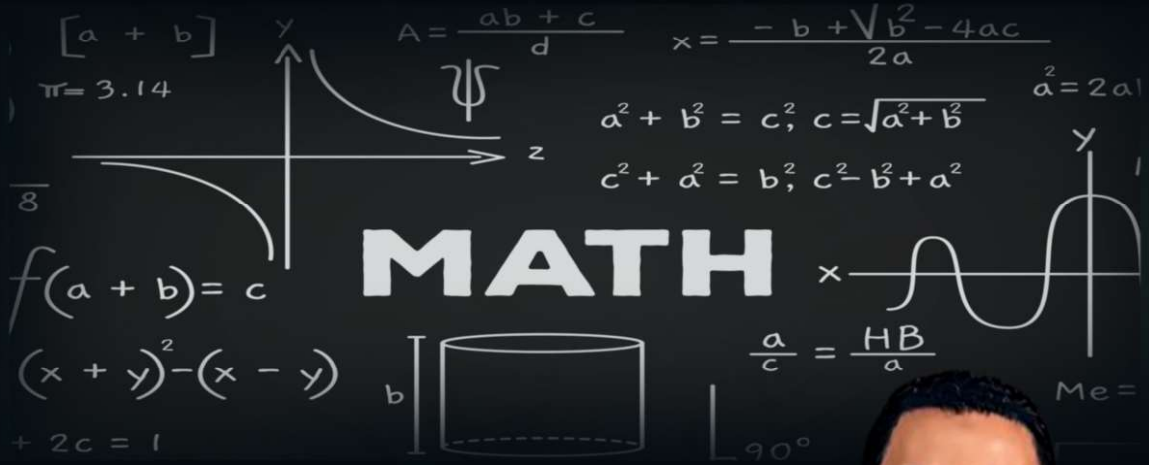
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IN

Math



خاص بالمنصة



خاص بجميع الجروبات و القنوات



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