حلول تمارين الدرسين الأول والثاني من الوحدة السابعة منهج ريفيل

موقع المناهج ⇐ المناهج الإماراتية ⇐ الصف الرابع ⇐ رياضيات ⇐ الفصل الثاني ⇐ حلول ⇐ الملف
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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	

رابط مجموعة الصف الرابع

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Unit 7 – L 1&2

Divide Multiples of 10,100,1,000

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You can use different strategies to solve these equations.

One Way Use basic facts and place value.

dividend   divisor   quotient

$$24 \div 3 = 8$$

24 tens $\div$ 3 = 8 tens   so, $240 \div 3 = 80$

24 hundreds $\div$ 3 = 8 hundreds   so, $2{,}400 \div 3 = 800$

24 thousands $\div$ 3 = 8 thousands   so, $24{,}000 \div 3 = 8{,}000$

Another Way Use the relationship between multiplication and division.

$3 \times 8 = 24$ so, $24 \div 3 = 8$

$3 \times 80 = 240$ so, $240 \div 3 = 80$

$3 \times 800 = 2{,}400$ so, $2{,}400 \div 3 = 800$

$3 \times 8{,}000 = 24{,}000$ so, $24{,}000 \div 3 = 8{,}000$

Math is... **Patterns**

How can you use the pattern with zeros to divide other multiples of 10, 100, or 1,000?

3×0	$=$	0
3×1	$=$	3
3×2	$=$	6
3×3	$=$	9
3×4	$=$	12
3×5	$=$	15
3×6	$=$	18
3×7	$=$	21
3×8	$=$	24
3×9	$=$	27
3×10	$=$	30

Miguel bought 300 seedlings for his garden. He wants to plant an equal number of seedlings in 6 rows. How many seedlings go in each row? Show and explain your work.

How can you complete the equations?

1. 36 ones ÷ 9 = _____ ones

   36 tens ÷ 9 = _____ tens

   36 _____ ÷ 9 = 4 hundreds

2. 180 ÷ 3 = _____

   1,800 ÷ 3 = _____

   18,000 ÷ 3 = _____

What is the quotient? Use a related multiplication equation to solve.

3. 48 tens ÷ 6 = ?

   6 × 8 _____ = 48 tens

   So, 48 tens ÷ 6 = _____

4. 35,000 ÷ 5 = ?

   5 × _____ = 35,000

   So, 35,000 ÷ 5 = _____

5. 560 ÷ 7 = _____

6. 360 ÷ 4 = _____

What division equation can you use to solve the problem?

7. A bus travels 3,000 miles in 5 days. It travels the same distance each day. How far does the bus travel in one day?

8. A school orders 420 math textbooks. The textbooks arrive in 6 boxes with an equal number of books in each box. How many books are in each box?

9. Naomi reads the same number of pages each day. After 8 days she has read 320 pages. How many pages does she read each day?
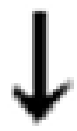
10. STEM Connection A construction team uses 7,200 nails to build 8 storage buildings. They use the same number of nails for each building. How many nails do they use for each building?

11. Jack watched a movie over 5 equal time periods. The movie was 150 minutes long. For how many minutes did he watch during each time period?

12. Sonia logged her swim times for 3 months. She swam the same amount of time each month and logged 210 hours. How many hours did she swim each month?

13. Extend Your Thinking How can you explain the process used to find the quotient of 2,400 ÷ 60?

Dividend

40 ÷ 8 = 5

Divisor

Quotient

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Learn

A hardware store owner is putting nuts and bolts into separate boxes. She divides the nuts equally into 6 boxes and the bolts equally into 7 boxes.

About how many bolts will go in each box?

You can write division equations and estimate using a **range** to solve.

561 nuts   3,358 bolts

In order to estimate the quotient you can use compatible numbers.

Use a compatible number less than the dividend.	Use a compatible greater than the dividend.
$3,358 \div 7 = ?$ $\downarrow \qquad \downarrow$ $2,800 \div 7 = 400$	$3,358 \div 7 = ?$ $\downarrow \qquad \downarrow$ $3,500 \div 7 = 500$

A range of 400 to 500 bolts will go in each box. Since 3,500 is closer to 3,358 than 2,800, the actual quotient will be closer to 500 than 400.

About how many nuts will the hardware owner put in each box?

How can you estimate the quotient using compatible numbers?

1. $342 \div 8$

2. $836 \div 9$

3. $2{,}134 \div 7$

4. $5{,}361 \div 6$

How can you estimate a range for the quotient?
Write equations to show your work.

5. $749 \div 8$

6. $522 \div 7$

7. $3{,}297 \div 8$

8. $6{,}428 \div 9$

9. A class collected 323 cans for recycling. They can place only 7 cans in each bag. About how many bags will the class need for their cans?

10. Jeremy scored a total of 6,128 points playing video games. If he scored about the same number of points in each of his 9 games, about how many points did he score in each game?

11. The bowling alley had 397 bowlers over the weekend. There were about 5 bowlers for each lane rental. About how many lane rentals did they have for the weekend?

12. **STEM Connection** A construction company has 776 sheets of plywood. They distribute the same number of sheets to 8 construction sites. About how many sheets of plywood will each site receive?

13. How can 24 ÷ 3 help you estimate 238 ÷ 3? Justify your reasoning.

14. **Error Analysis** Louise is using compatible numbers to estimate the quotient of 4,219 ÷ 3. She says that, since 4,219 is between 3,000 and 6,000, the quotient is between 1,000 and 2,000. Do you agree with Louise? Are there other compatible numbers that would work better to estimate the quotient?

15. **Extend Your Thinking** Explain how the process for finding an estimated quotient of 34,219 ÷ 22 compares to the process used to find the estimated quotient of other problems in this lesson. Then find an estimated quotient.