

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



حل كويز الوحدة العاشرة

[موقع المناهج](#) ← [المناهج الإماراتية](#) ← [الصف الثالث](#) ← [رياضيات](#) ← [الفصل الثالث](#) ← [الملف](#)

التواصل الاجتماعي بحسب الصف الثالث



روابط مواد الصف الثالث على تلغرام

[الرياضيات](#)

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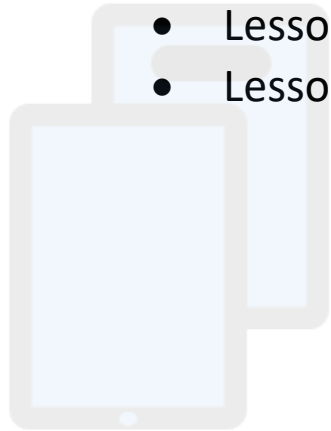
المزيد من الملفات بحسب الصف الثالث والمادة رياضيات في الفصل الثالث

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Grade 3 Math Quiz 1 Practice

Unit 10 (Use Properties and Strategies to Multiply and Divide)

- Lesson 1: Patterns with Multiples of 10
- Lesson 3: Understand the Associative Property
- Lesson 4: Two-Step Problems involving Multiplication and Division
- Lesson 5: Solve Two-Step Problems



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How can you use place value to multiply?

a) 2×30

2 x 3 tens = 6 tens

So, $2 \times 30 = \underline{60}$

b) 3×20

3 x 2 tens = 6 tens

So, $3 \times 20 = \underline{60}$

c) 4×50

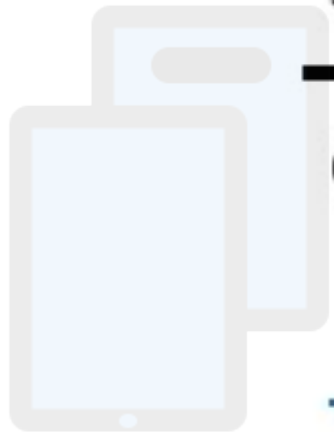
4 x 5 tens = 20 tens

So, $4 \times 50 = \underline{200}$

d) 7×60

7 x 6 tens = 42 tens

So, $7 \times 60 = \underline{420}$



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How can you decompose the multiple of 10 to multiply?

a) 2×40

$$2 \times \underline{4} \times 10$$
$$\underline{8} \times 10 = \underline{80}$$

b) 3×20

$$3 \times \underline{2} \times 10$$
$$\underline{6} \times 10 = \underline{60}$$

c) 5×60

$$\underline{5} \times \underline{6} \times 10$$
$$\underline{30} \times \underline{10} = \underline{300}$$

d) 30×2

$$\underline{10} \times \underline{3} \times 2$$
$$10 \times \underline{6} = \underline{60}$$

e) 60×3

$$\underline{10} \times \underline{6} \times 3$$
$$\underline{10} \times 18 = \underline{180}$$

f) 70×2

$$\underline{10} \times \underline{7} \times 2$$
$$\underline{10} \times \underline{14} = \underline{140}$$

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Using the Associative Property, show two ways to solve the equation.

a) $2 \times 3 \times 4$

$$\begin{array}{c} \underline{2 \times 3} \times \underline{4} = ? \\ \underline{6} \times \underline{4} \\ \underline{24} \end{array}$$

$$\begin{array}{c} 2 \times \underline{3 \times 4} = ? \\ 2 \times \underline{12} \\ \underline{24} \end{array}$$

b) $2 \times 5 \times 3$

$$\begin{array}{c} \underline{2 \times 5} \times \underline{3} = ? \\ \underline{10} \times \underline{3} \\ \underline{30} \end{array}$$

$$\begin{array}{c} 2 \times \underline{5 \times 3} = ? \\ 2 \times \underline{15} \\ \underline{30} \end{array}$$

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c) $5 \times 4 \times 1$

$$\begin{array}{c} \underline{5 \times 4} \times \underline{1} = ? \\ \underline{20} \times \underline{1} \\ \underline{20} \end{array}$$

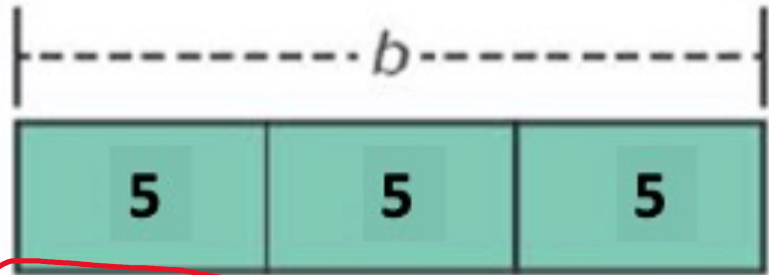
$$\begin{array}{c} 5 \times \underline{4 \times 1} = ? \\ 5 \times \underline{4} \\ \underline{20} \end{array}$$

d) $9 \times 3 \times 10$

$$\begin{array}{c} \underline{9 \times 3} \times \underline{10} = ? \\ \underline{27} \times \underline{10} \\ \underline{270} \end{array}$$

$$\begin{array}{c} 9 \times \underline{3 \times 10} = ? \\ 9 \times \underline{30} \\ \underline{270} \end{array}$$

What equation represents the bar diagram?

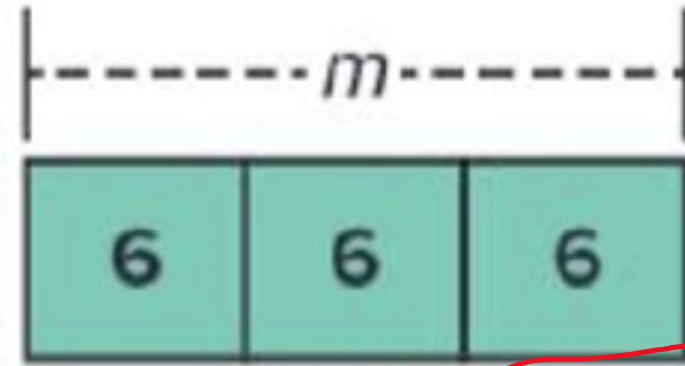


a) $3 \times 5 = b$

c) $3 + 5 = b$

b) $3 \times 5 = 15$

d) $5 \times b = 3$

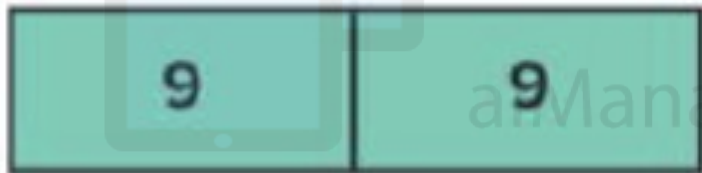


a) $3 + 6 = m$

c) $3 \times 6 = m$

b) $6 \times m = 6$

d) $6 \times 3 = 18$



a) $18 \div 9 = 2$

c) $18 \div 9 = 9$

b) $18 \div 9 = n$

d) $9 \div 18 = n$



a) $12 \div 4 = 3$

c) $12 \div 3 = n$

b) $12 \div 3 = 4$

d) $3 \div 12 = n$

How can you use equations with a letter for the unknown to solve the problems?

3. An art teacher sets up 3 tables with 3 easels each for a preschool class. Her first-grade class needs double the amount of easels. How many easels are there for the first-grade class?

9 easels in preschool class

$$3 \times 3 = m$$

$$9 = m$$

$$9 \times 2 = n$$

$$18 = n$$

18 easels

4. Laozi organizes her stamps in an album with 4 pages. Each page has 10 stamps. She then decides to organize all the stamps already in her album on 5 pages. Laozi puts the same number of stamps on each of the 5 pages. How many stamps will she put on each page?

40 stamps altogether

$$4 \times 10 = m$$

$$40 = m$$

$$40 \div 5 = n$$

$$8 = n$$

8 stamps on
each of the 5 pages

How can you use equations with a letter for the unknown to solve the problems?

5. Cassandra has 32 rocks in her rock collection. She divides the rocks into 8 equal groups. She gives 7 groups to the museum. She keeps one group for herself. She gives half of her group to her friend. How many rocks does Cassandra have left for herself?

$$32 \div 8 = m$$

$$4 \div 2 = n$$

4 in each group

$$4 = m$$

$$2 = n$$

2 rocks for Cassandra,
2 for her friend

6. A math teacher has 10 math performance tasks to grade. Each performance task has 3 parts. She spends 5 hours grading the performance tasks. She grades the same number of parts each hour. How many parts does she grade in an hour?

$$10 \times 3 = m$$

$$30 \div 5 = n$$

30 parts altogether

$$30 = m$$

$$6 = n$$

6 parts

How can you use equations with a letter for the unknown to solve the problems?

3. Al needs to make 64 favors for a party. He has already made 10 favors. He has 6 weeks to make the remaining favors. He makes the same number of favors in each of the 6 weeks.

How many favors will Al make each week?

54 favors left

$$64 - 10 = m$$

$$54 \div 6 = n$$

$$54 = m$$

$$9 = n$$

9 favors each week

4. Mrs. Tice buys pencils in packs of 8. She buys 9 packs and 12 additional pencils. How many pencils does she buy in all?

$$8 \times 9 = m$$

$$72 + 12 = n$$

$$72 = m$$

$$84 = n$$

84 pencils

5. Don divides 45 tickets among 5 friends. He gives each friend 4 more tickets. How many tickets does each friend receive?

$$45 \div 5 = m$$

$$9 + 4 = n$$

$$9 = m$$

$$13 = n$$

11 tickets

6. Steve has 6 boxes of trading cards. There are 6 cards in each box. He buys 11 more cards. How many cards does he have?

$$6 \times 6 = m$$

$$36 + 11 = n$$

$$36 = m$$

$$47 = n$$

47 cards

