

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



كويز الوحدة العاشرة 10 Unit Quiz

[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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حل نموذج تدريبي للاختبار النهائي	2
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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

 x tens = tens

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

c) 4×50

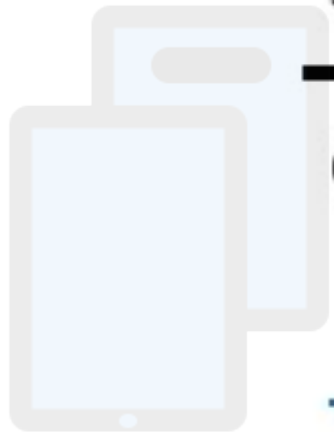
 x tens = tens

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

d) 7×60

 x tens = tens

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



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How can you decompose the multiple of 10 to multiply?

a) 2×40

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

b) 3×20

$3 \times \underline{\quad} \times 10$
 $\underline{\quad} \times 10 = \underline{\quad}$

c) 5×60

$\underline{\quad} \times \underline{\quad} \times 10$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

d) 30×2

$10 \times \underline{\quad} \times 2$
 $10 \times \underline{\quad} = \underline{\quad}$

e) 60×3

$10 \times \underline{\quad} \times 3$
 $\underline{\quad} \times 18 = \underline{\quad}$

f) 70×2

$\underline{\quad} \times \underline{\quad} \times \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

a) $2 \times 3 \times 4$

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

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

b) $2 \times 5 \times 3$

$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

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c) $5 \times 4 \times 1$

$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

d) $9 \times 3 \times 10$

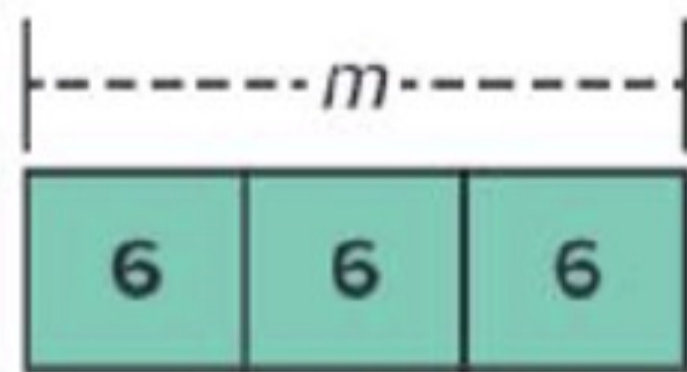
$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

$$\begin{array}{c} \underline{\quad} \times \underline{\quad} \times \underline{\quad} = ? \\ \swarrow \quad \searrow \\ \underline{\quad} \times \underline{\quad} \\ \swarrow \quad \searrow \\ \underline{\quad} \end{array}$$

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?

$$3 \times 3 = m$$
$$_ = m$$

$$_ \times 2 = n$$
$$18 = n$$

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?

$$_ \times _ = m$$
$$40 = m$$

$$40 \div _ = n$$
$$8 = n$$

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?

$$32 \div _ = m$$
$$4 = m$$

$$4 \div 2 = n$$
$$2 = n$$

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?

$$_ \times _ = m$$
$$30 = m$$

$$30 \div 5 = n$$
$$6 = n$$

How many rocks left for Cassandra?

- a) 32 b) 8
c) 7 d) 4
e) 2

How many parts does she grade in an hour?

- a) 10 b) 3
c) 5 d) 30
e) 6

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?

$$64 - 10 = m$$
$$\underline{\quad} = m$$

$$54 \div \underline{\quad} = n$$
$$9 = n$$

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?

$$\underline{\quad} \times \underline{\quad} = m$$
$$72 = m$$

$$72 + \underline{\quad} = n$$
$$84 = n$$

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

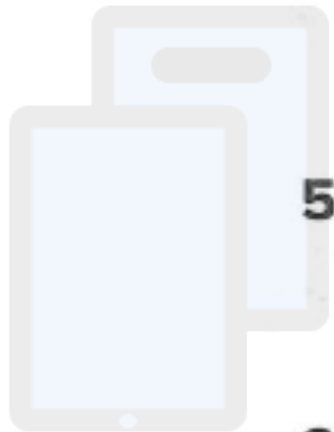
$$\underline{\quad} \div \underline{\quad} = m$$
$$\underline{\quad} = m$$

$$\underline{\quad} + \underline{\quad} = n$$
$$\underline{\quad} = n$$

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?

$$\underline{\quad} = m$$
$$\underline{\quad} = m$$

$$\underline{\quad} = n$$
$$\underline{\quad} = n$$



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