

Math

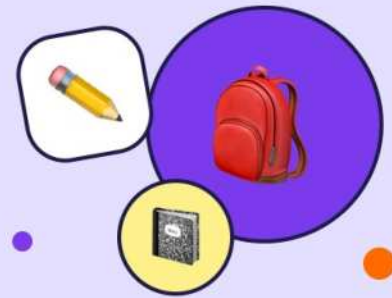
Grade 4

Back to school math: shop for class supplies

Order supplies for a whole class, multiply the costs and review place value.



I can multiply multi-digit numbers and use place value to round and compare.



1



Class order

Multiply the price by how many the class needs.



Item	Price each	How many	Cost
Notebook	\$2	24	
Pack of pencils	\$3	12	
Box of markers	\$4	24	
Folder	\$2	36	

2**Place value**

Write the answer.

1. In 3,482 the digit 4 is worth _____.
2. $5,000 + 600 + 7 =$ _____
3. 2,478 rounded to the nearest hundred is _____.
4. The whole class order costs \$ _____.

3**Compare**

Write $>$, $<$ or $=$ in each circle.

24×3



70

15×6



9×10

$\$252$



$\$225$

12×12



150

4**Budget problems**

Circle the right answer.

1. The class has \$300. The order costs \$252. How much is left?

A \$48 **B** \$52 **C** \$58
2. The school buys 125 boxes of crayons at \$3 each. What is the cost?

A \$365 **B** \$375 **C** \$385
3. What is \$252 rounded to the nearest ten?

A \$250 **B** \$260 **C** \$300

5

**Multiplication warm-up**

Solve each problem.

1. $36 \times 4 =$ _____

2. $27 \times 3 =$ _____

3. $125 \times 4 =$ _____

4. $48 \times 5 =$ _____

5. $16 \times 12 =$ _____

6. $23 \times 21 =$ _____

7. $350 \div 5 =$ _____

8. $96 \div 8 =$ _____

6

**Round the numbers**

Round each number to the nearest ten and the nearest hundred.

Number	Nearest ten	Nearest hundred
356		
1,249		
2,478		
4,965		

7

**Estimate it**

Round to estimate. Circle True or False.

1. 29×4 is close to 120.

True

False

2. $\$198 + \305 is about \$500.

True

False

3. 6×49 is more than 300.

True

False

4. $812 - 395$ is about 400.

True

False

5. Five \$19 lunch boxes cost more than \$100.

True

False

8 Shopping problems

Read each problem and circle the right answer.

1. A backpack costs \$28. How much do 3 backpacks cost?

A \$74

B \$84

C \$86

2. 144 pencils are shared equally among 6 tables. How many pencils does each table get?

A 22

B 24

C 26

3. Glue sticks come in packs of 8. The class needs 50 glue sticks. How many packs must they buy?

A 6

B 7

C 8

4. Ms. Lee spends \$45 on paper and \$38 on paint. She pays with \$100. How much change does she get?

A \$17

B \$27

C \$83

9 Supply kits

A kit has 1 notebook (\$2), 2 folders (\$2 each) and 1 box of markers (\$4). What does 1 kit cost? What do 23 kits cost? Show your work.

How did it go?



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Grade 4

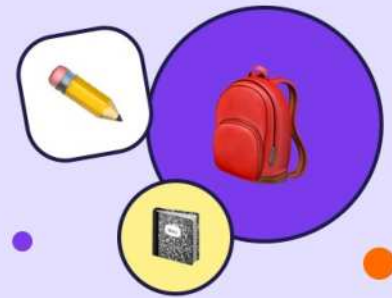
Answer key

Back to school math: shop for class supplies

Order supplies for a whole class, multiply the costs and review place value.



I can multiply multi-digit numbers and use place value to round and compare.



1



Class order

Multiply the price by how many the class needs.



Item	Price each	How many	Cost
Notebook	\$2	24	\$48
Pack of pencils	\$3	12	\$36
Box of markers	\$4	24	\$96
Folder	\$2	36	\$72

2**Place value**

Write the answer.

1. In 3,482 the digit 4 is worth 400.
2. $5,000 + 600 + 7 =$ 5,607
3. 2,478 rounded to the nearest hundred is 2,500.
4. The whole class order costs \$ 252.

3**Compare**

Write $>$, $<$ or $=$ in each circle.

24×3

 $>$

70

15×6

 $=$

9×10

$\$252$

 $>$

$\$225$

12×12

 $<$

150

4**Budget problems**

Circle the right answer.

1. The class has \$300. The order costs \$252. How much is left?

A \$48 B \$52 C \$58
2. The school buys 125 boxes of crayons at \$3 each. What is the cost?

A \$365 B \$375 C \$385
3. What is \$252 rounded to the nearest ten?

A \$250 B \$260 C \$300

5 Multiplication warm-up

Solve each problem.

1. $36 \times 4 =$ 144

2. $27 \times 3 =$ 81

3. $125 \times 4 =$ 500

4. $48 \times 5 =$ 240

5. $16 \times 12 =$ 192

6. $23 \times 21 =$ 483

7. $350 \div 5 =$ 70

8. $96 \div 8 =$ 12

6 Round the numbers

Round each number to the nearest ten and the nearest hundred.

Number	Nearest ten	Nearest hundred
356	360	400
1,249	1,250	1,200
2,478	2,480	2,500
4,965	4,970	5,000

7 Estimate it

Round to estimate. Circle True or False.

1. 29×4 is close to 120.

True

False

2. $\$198 + \305 is about \$500.

True

False

3. 6×49 is more than 300.

True

False

4. $812 - 395$ is about 400.

True

False

5. Five \$19 lunch boxes cost more than \$100.

True

False

8 Shopping problems

Read each problem and circle the right answer.

1. A backpack costs \$28. How much do 3 backpacks cost?

A \$74

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2. 144 pencils are shared equally among 6 tables. How many pencils does each table get?

A 22

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4. Ms. Lee spends \$45 on paper and \$38 on paint. She pays with \$100. How much change does she get?

A \$17

B \$27

C \$83

9 Supply kits

A kit has 1 notebook (\$2), 2 folders (\$2 each) and 1 box of markers (\$4). What does 1 kit cost? What do 23 kits cost? Show your work.

1 kit: $\$2 + \$4 + \$4 = \10 . 23 kits: $23 \times \$10 = \230 .

How did it go?



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