

Multiplying by 100

$$2+2=4$$

Fluency



1) Draw counters in to show 20x100.

thousands	hundreds	tens	ones
		● ●	
thousands	hundreds	tens	ones

$$20 \times 100 = \square$$

Multiplying by 100

$$2+2=4$$

Fluency



2) Complete the calculations below.

$$8 \times 100 = \square$$

$$17 \times 100 = \square$$

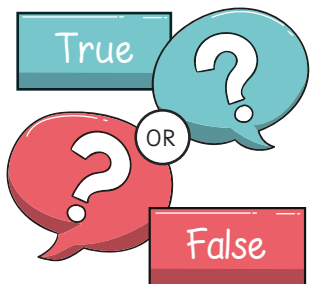
$$56 \times 100 = \square$$

$$39 \times 100 = \square$$

$$46 \times 100 = \square$$

$$60 \times 100 = \square$$

Multiplying by 100



3) Decide whether the statements are true or false.

True False

$$63 \times 100 > 60 \times 100$$

$$17 \times 100 = 170$$

$$43 \times 100 = 100 \times 43$$

Multiplying by 100



Explanation



4) I already have 11 boxes of paper straws at my restaurant.
I need 1,550 straws to last me the whole month.
I should order 4 more boxes to make sure I have enough.

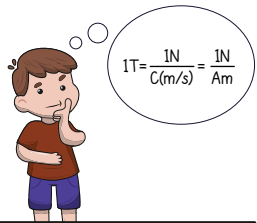
Do you agree with the chef?

Yes **No**



Explain your answer.

Multiplying by 100



Problem solving



5) Place these calculations in order from smallest to greatest in value.

27 x 10

2 x 100

55 x 10

34 x 100

Smallest

Greatest

Multiplying by 100



Find all of the possibilities!



6) I am thinking of a two-digit number. I subtract 7 from my number.
When I multiply the number by 100, the answer is between 3,999 and 4,501

Find all of the possible numbers I could be thinking of.

Multiplying by 100

$$2+2=4$$

Fluency



ANSWERS

1) Draw counters in to show 20×100 .

thousands	hundreds	tens	ones
		● ●	
thousands	hundreds	tens	ones
● ●			

$$20 \times 100 = 2,000$$

Multiplying by 100

$$2+2=4$$

Fluency



ANSWERS

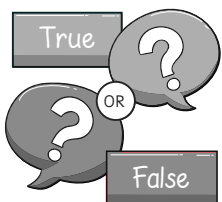
2) Complete the calculations below.

$$8 \times 100 = 800 \quad 17 \times 100 = 1,700$$

$$56 \times 100 = 5,600 \quad 39 \times 100 = 3,900$$

$$46 \times 100 = 4,600 \quad 60 \times 100 = 6,000$$

Multiplying by 100



ANSWERS

3) Complete the missing numbers below.

True

False

$$63 \times 100 > 60 \times 100 \quad \checkmark \quad \square$$

$$17 \times 100 = 170 \quad \square \quad \checkmark$$

$$43 \times 100 = 100 \times 43 \quad \checkmark \quad \square$$

Multiplying by 100



Explanation



ANSWERS

4) I already have 11 boxes of paper straws at my restaurant.
I need 1,550 straws to last me the whole month.
I should order 4 more boxes to make sure I have enough.

Do you agree with the chef?

Yes **No**

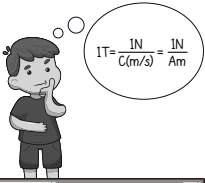
100
straws

Explain your answer.

This would only give him 1,500 straws. He needs to order 5 more boxes

to ensure that he has enough straws.

Multiplying by 100



Problem solving



ANSWERS

5) Place these calculations in order from smallest to greatest in value.

27 x 10

2 x 100

55 x 10

34 x 100

2 x 100

27 x 10

55 x 10

34 x 100

Smallest

Greatest

Multiplying by 100



Find all of the possibilities!



ANSWERS

6) I am thinking of a two-digit number. I subtract 7 from my number.
When I multiply the number by 100, the answer is between 3,999 and 4,501

Find all of the possible numbers I could be thinking of.

47

48

49

50

51

52