Name: _____ Date: _____

TEKS 3.5B Represent Multiplication and Division Problems Practice #1

1 Ethan runs 6 days each week. He runs 2 miles each day. Which number sentence can be used to find the number of miles Ethan will run in 4 weeks?

A $6 \times 2 + 4 =$ ☐

B $6 + 2 + 4 =$ ☐

C $6 \times 2 \times 4 =$ ☐

D $6 + 2 \times 4 =$ ☐

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2 Jennifer used 45 stickers to decorate five pages in her scrapbook. She used the same number of stickers to decorate each page. Which strip diagram represents the number of stickers Jennifer used to decorate each page?

A

45	45	45	45	45

B

9	9	9	9	9

C

9	9	9	9	9	9	9	9	9

D

8	8	8	8	8

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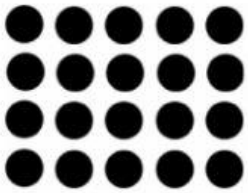
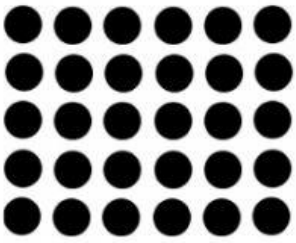
3 An art teacher has 5 jars of paintbrushes. Each jar has 4 paintbrushes. Which array represents the total amount of paintbrushes the art teacher has?

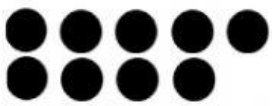
A



C



B



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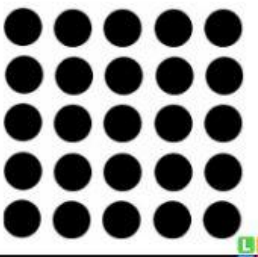

4 Lucy bought 4 packages of cookies for a party. Each package had 10 cookies. She placed the same number of cookies in 5 trays. Which number sentence can be used to find the number of cookies Lucy placed in each tray?

A $4 \times 10 \div 5 = \square$

B $4 \times 10 \times 5 = \square$

C $4 + 10 \div 5 = \square$

D $4 \times 10 - 5 = \square$

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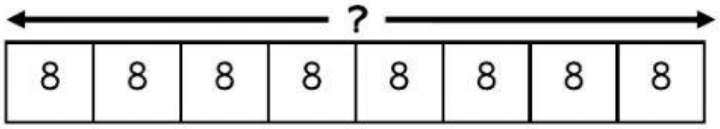
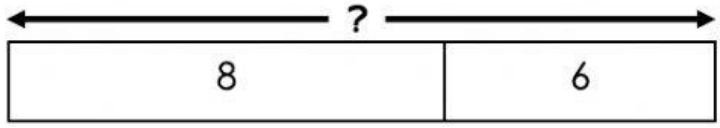
5 Raul made 8 fruit baskets as gifts for his coworkers. He placed 6 apples in each basket. Which strip diagram can be used to find the total number of apples he used to make the fruit baskets?

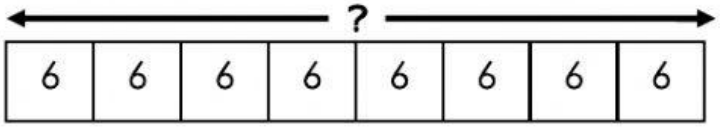
A



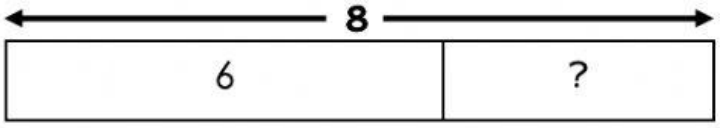
B



C



D



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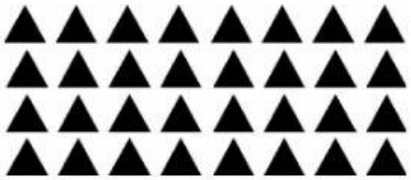
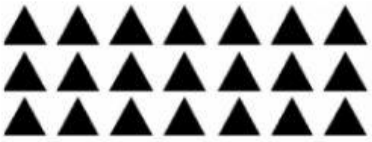
6 An employee at a pizza shop made 3 pizzas. He cut each pizza into 8 slices. Which array can be used to find the number of slices he will have?

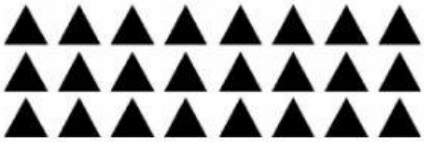
A



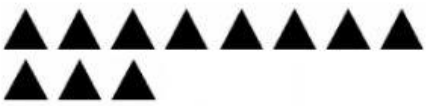
C



B



D



7 Alan bought sodas for a party. He bought 3 packages of grape flavored sodas. Each package had 9 sodas. He bought two times as many orange flavored sodas. Which equation can be used to find the number of sodas Alan bought for the party?

A $3 \times 9 + 2 =$ ☐

B $3 \times 9 \div 2 =$ ☐

C $3 \times 9 \times 2 =$ ☐

D $3 + 9 \times 2 =$ ☐

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8 Daniel worked 42 hours in six days. He worked an equal number of hours each day. Which equation represents the number of hours Daniel worked each day?

A $42 \times 7 = 294$

B $42 + 7 = 49$

C $42 - 7 = 35$

D $42 \div 6 = 7$

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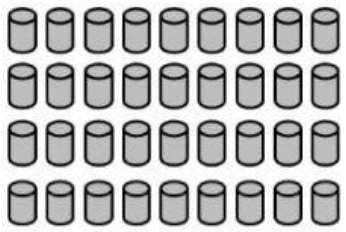
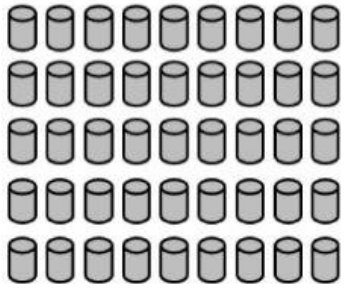
9 A grocery store employee organized can goods in a table. He placed 4 rows of can goods in the table. Each row 9 can goods. Which represents the number of can goods the employee placed on the table?

A 

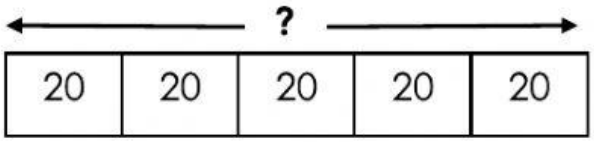
C 

B 

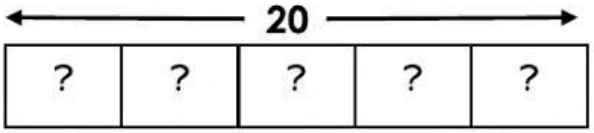
D 

10 Kimberly and four friends will equally share 20 candies. Which strip diagram can be used to find the number of candies each friend will receive?

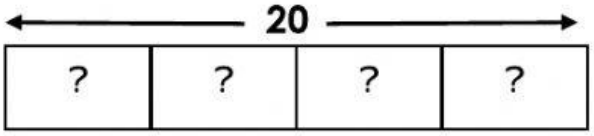
A



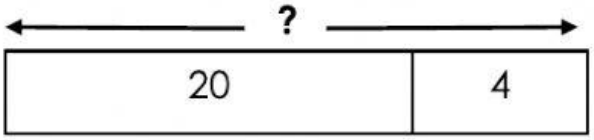
B



C



D



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11 Aidan bought 2 bags of candies. Each bag had 12 candies. He used an equal number of candies to make 6 treat bags. Which number sentence can be used to find the number of candies Aidan placed in each bag?

A $2 \times 12 \div 4 = \square$

B $2 \times 12 \times 6 = \square$

C $2 + 12 \div 6 = \square$

D $2 \times 12 \div 6 = \square$

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12 An employee at a bakery placed 6 rows of cupcakes on a shelf. Each row had 3 cupcakes. Which array can be used to find the number of cupcakes the employee placed on the shelf?

A

C

B

D

13 Gloria jump ropes 10 minutes each day. She jump ropes 6 days a week. Which number sentence can be used to find the number of minutes Gloria will jump rope in 5 weeks?

A $10 + 6 + 5 =$ ☐

B $10 - 6 \times 5 =$ ☐

C $10 \times 6 \times 5 =$ ☐

D $10 + 6 \times 5 =$ ☐

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14 A flower shop received a shipment of 35 roses. The same number of roses were placed in 7 bouquets. Which strip diagram can be used to find the number of roses that were placed in each bouquet?

A

5	5	5	5	5	5	5

B

35	35	35	35	35	35	35

C

5	5	5	5	5

D

7	7	7	7	7	7	7

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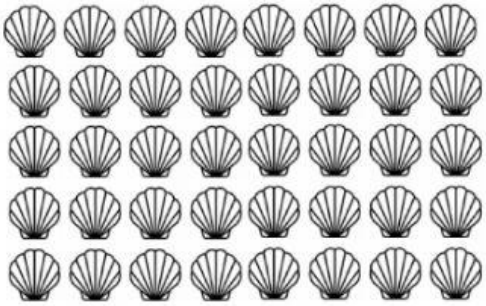
15 Luis decorated 5 picture frames with seashells. He used 8 seashells to decorate each picture frame. Which array can be used to find the number of seashells Luis used to decorate the picture frames?

A

C



B

D