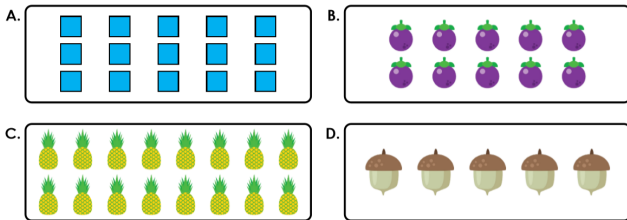# Multiplication and Division
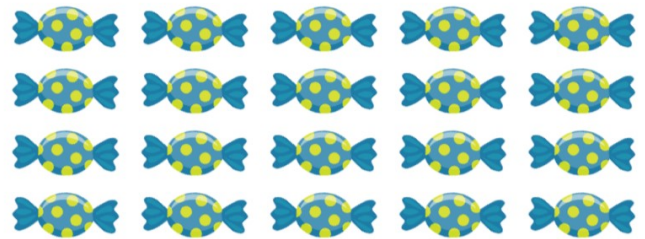## Green

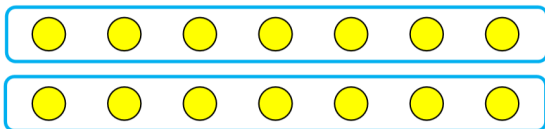Which amount can not be shared equally into 5 groups?

A.

B.

C.

D.

Alex has 20 sweets. He wants to make equal groups and put them into bags.
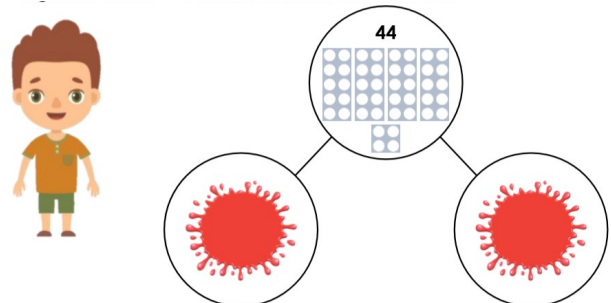Should she buy 3, 4 or 6 bags?
Explain your answer.

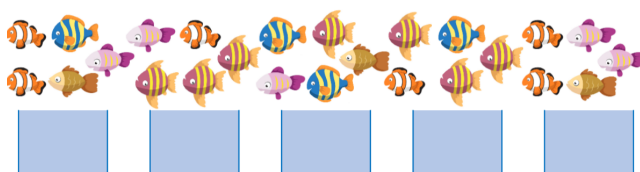Circle the calculation that is not related to the representation.

A. 14 ÷ 2 = 7   B. 2 x 7 = 14

C. 14 ÷ 3 = 7   D. 7 x 2 = 14

Jack has dripped ketchup on his work. He knows that the numbers were even and when added together made 44. What could his numbers be?

44

Divide the fish between the 5 tanks.

Write a number sentence for your division.

☐ ÷ ☐ = ☐

Declan is getting ready for his birthday party. He has 40 marbles.
Is he correct?
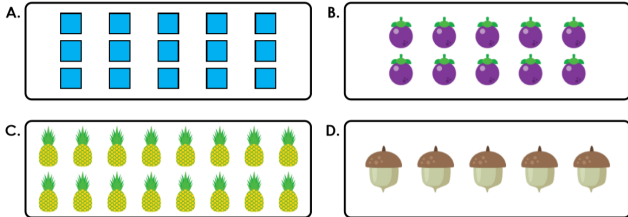Explain your answer.

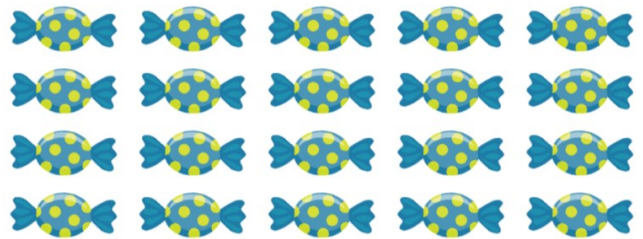I want to put 10 marbles in each party bag. I can make 5 party bags.
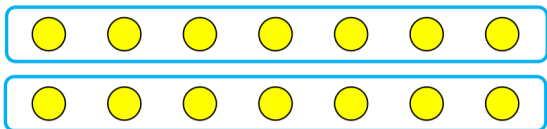
Multiplication and Division
Green

C

A.
B.
C.
D.

He should buy 4 bags because 20 can be grouped into 4 groups of 5. She cannot make 3 or 6 equal groups.
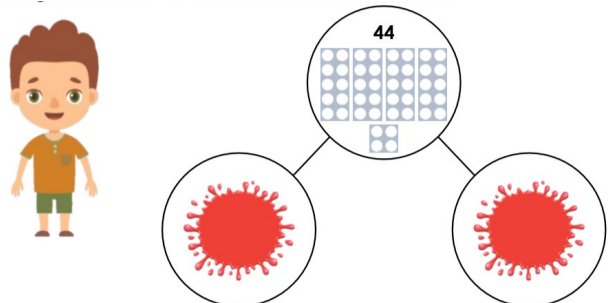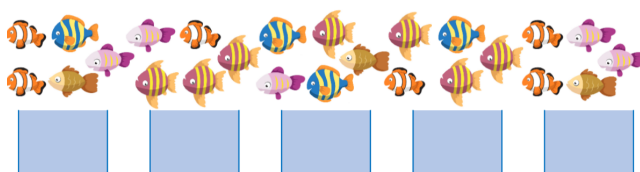

C

A. 14 ÷ 2 = 7   B. 2 x 7 = 14

C. 14 ÷ 3 = 7   D. 7 x 2 = 14

Various answers, for example: 22 and 22; 40 and 4; 36 and 8

25 ÷ 5 = 5

Write a number sentence for your division.

☐ ÷ ☐ = ☐

Declan is incorrect. He would not have enough marbles because 40 ÷ 10 = 4.
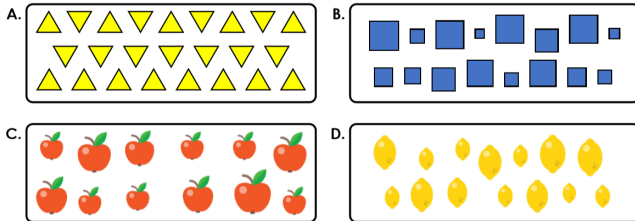

I want to put 10 marbles in each party bag. I can make 5 party bags.

Multiplication and Division
Yellow

Which amount can not be shared equally into 4 groups?
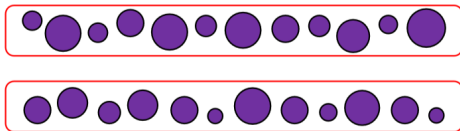
A.
B.
C.
D.

Alex has 20 sweets. He wants to make equal groups and put them into bags.
Should she buy 3, 4 or 6 bags? Explain your answer.

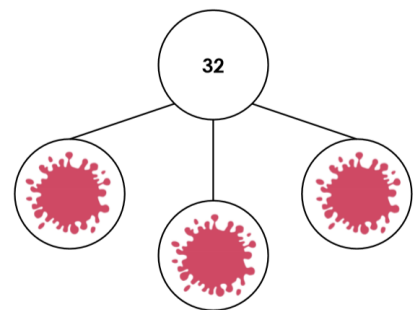Circle the calculation that is not related to the representation.

A.   24   ÷   2   =   12   B.   12   x   2   =   24

C.   2   x   12   =   24   D.   24   ÷   6   =   4

Sarah has dropped paint on her work. She knows that all the numbers were even and when added together made 32. What could her numbers be?

32

Complete the number sentence:

.

9   x   5   =   ☐

Divide the answer between the 5 bowls.

Write a new number sentence for your division.

☐   ÷   ☐   =   ☐

Laurel is getting ready for her birthday party. She has sixty marbles.
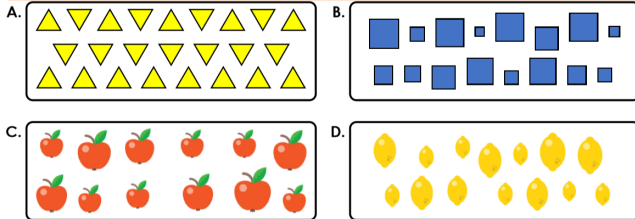
Is she correct?

Explain your answer.

I want to put ten marbles in each party bag. I have enough marbles to make 7 party bags.

D

A.

B.

C.
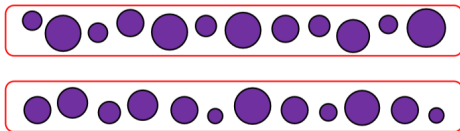
D.

She should buy 5 jars because 25 can be grouped into 5 groups of 5. She cannot make 2 or 7 equal groups.

D

A. 24 ÷ 2 = 12

B. 12 x 2 = 24

C. 2 x 12 = 24

D. 24 ÷ 6 = 4

Various answers, for example: 20, 6 and 6; 12, 10 and 10; 16, 8 and 8
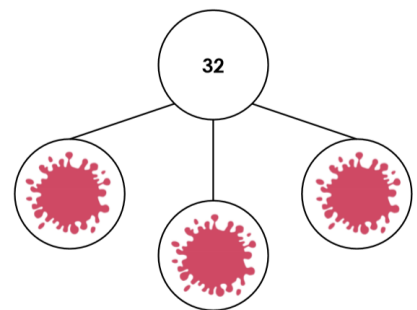
32

9 x 5 = 45; 45 ÷ 5 = 9

.

9   x   5   =   ☐

Divide the answer between the 5 bowls.

Write a new number sentence for your division.

☐   ÷   ☐   =   ☐

Laurel is incorrect. She would not have enough marbles because 60 ÷ 10 = 6.

I want to put ten marbles in each party bag. I have enough marbles to make 7 party bags.

Which amount can not be shared equally into 4 groups?

A.

B. six cakes shared between one person

C. eighteen divided by three

D. 24 ÷ 3

Glen has thirty toys. He wants to make equal groups and put them in-to gift boxes

Should he buy 4, 6 or 9 gift boxes? Explain your answer.

Circle the calculation that is not re-lated to the representation.

28	

A. 28 ÷ 2 = ☐

B. ☐ x 14 = 28

C. 4 x ☐ = 28

D. 28 ÷ 14 = ☐

Thomas has spilt juice on his work. He knows that the total is an even number be-tween twenty and thirty. What could his numbers be?

he model.
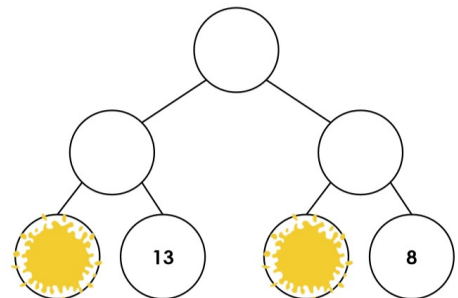
Each film clip lasts 12 minutes. Den-nis has five to watch. It takes _____ minutes to watch them all.
Complete the number sentence to show the answer:

☐ x **5** = ☐

Write a number sentence to show the division.

☐ ÷ ☐ = ☐

Write a new number story to match your division number sentence.

Liam is getting ready for his birthday party. He has 80 marbles and 70 sweets.

Is he correct?
Explain your answer.

I want to put 10 marbles and 10 sweets in each party bag. If I want to make nine bags, I need ten more of each.

Multiplication and Division
Red

D

A.

B.
six cakes shared between one person

C.
eighteen divided by three

D.
24 ÷ 3

He should buy 6 gift boxes because 30 can be grouped into 6 groups of 5. He cannot make 4 or 9 equal groups.

C

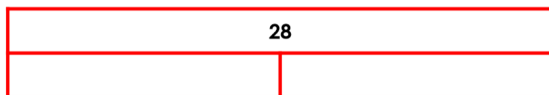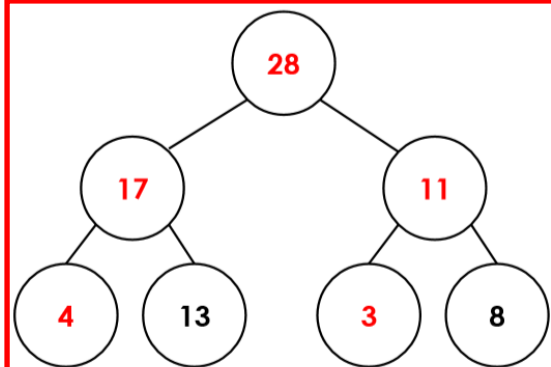| 28	

A. $28 \div 2 = \boxed{}$

B. $\boxed{} \times 14 = 28$

C. $4 \times \boxed{} = 28$

D. $28 \div 14 = \boxed{}$

Thomas has spilt juice on his work. He knows that the total is an even number between twenty and thirty. What could his numbers be? Various Answers:

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60 minutes; 12 x 5 = 60; 60 ÷ 5 = 12. Variations of stories to match the number sentence.

$\boxed{} \times \boxed{5} = \boxed{}$

Write a number sentence to show the division.

$\boxed{} \div \boxed{} = \boxed{}$

Write a new number story to match your division number sentence.

Liam is incorrect. He would have enough marbles because 80 + 10 = 90 and 90 ÷ 10 = 9. He would not have enough sweets because 70 + 10 = 80 and 80 ÷ 10 = 8.

I want to put 10 marbles and 10 sweets in each party bag. If I want to make nine bags, I need ten more of each.