

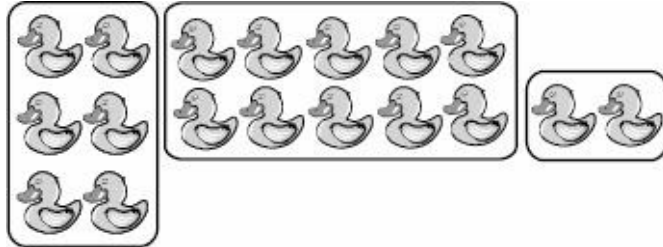
1 Which of the following set models BEST represents $18 \div 3$?



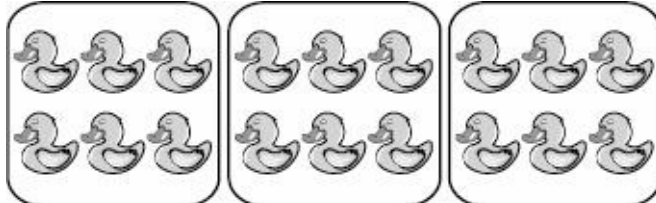
A



B

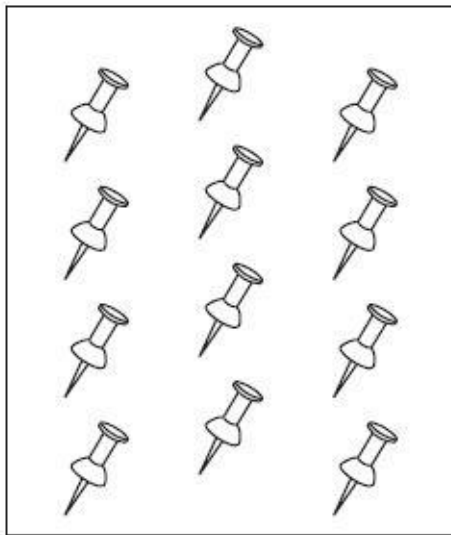


C



D

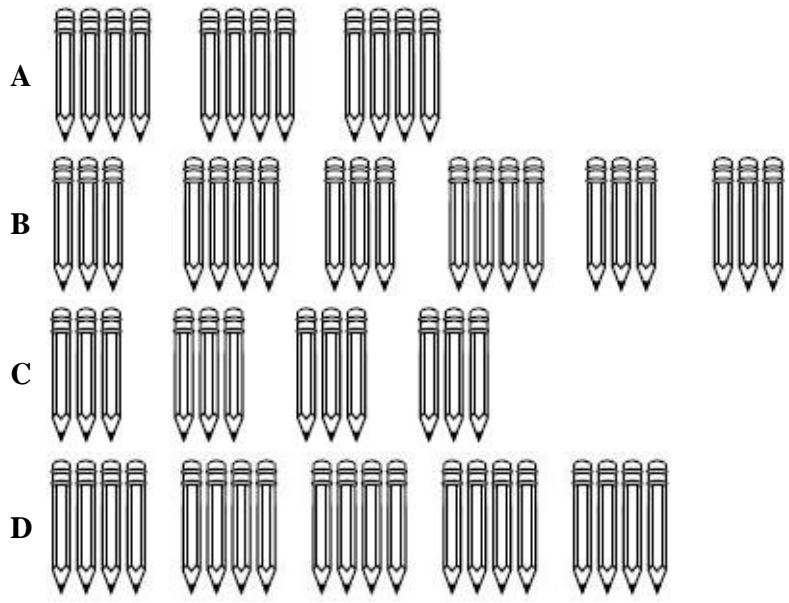
- 2 **Martina always uses 4 tacks to hang a picture on the art wall in her classroom.**



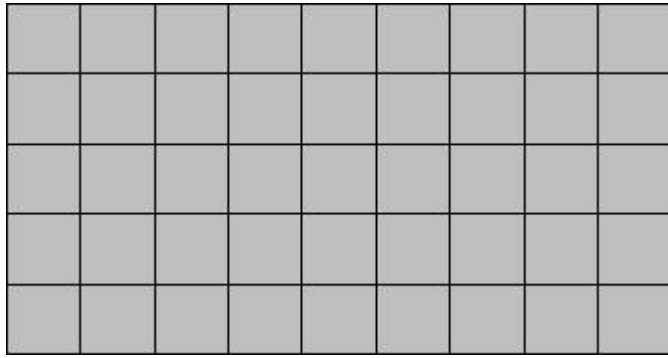
Exactly how many pictures can she hang using the 12 tacks shown?

- A 3
- B 4
- C 12
- D 6

- 3 **Rosa placed 20 pencils in groups of 4. Which of the following shows how Rosa placed the pencils?**



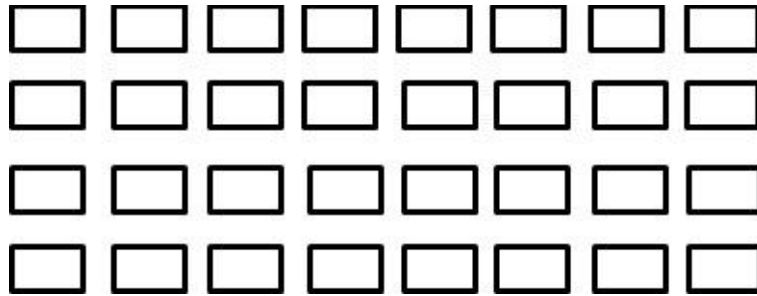
4



Which division fact is best represented by this model?

- A $9 \div 1$
- B $36 \div 4$
- C $45 \div 5$
- D $5 \div 5$

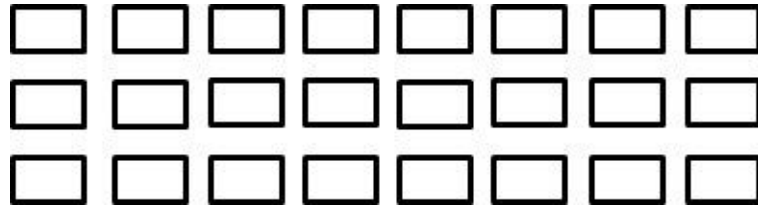
5 **Shannon has 32 pictures to put in her photo album. She wants to put 4 pictures on each page.**



How many pages does Shannon need for her album?

- A 4
- B 28
- C 8
- D 36

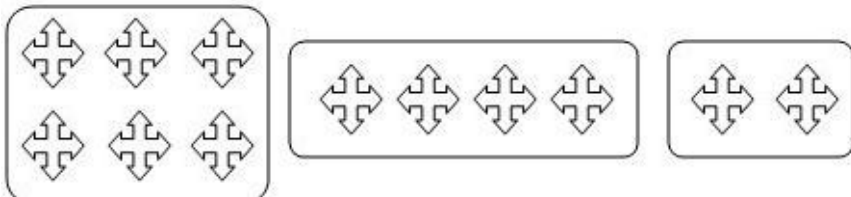
- 6 Judy has 24 pictures to put in her photo album. She wants to put 3 pictures on each page.

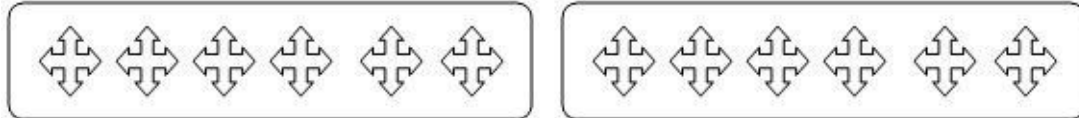


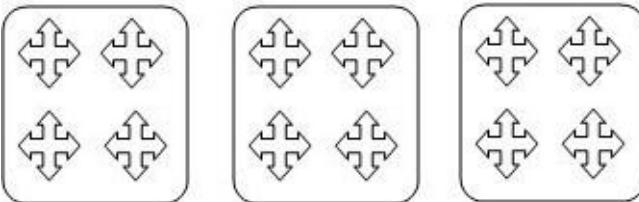
How many pages does Judy need for her album?

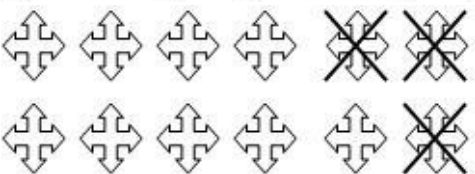
- A 27
- B 8
- C 3
- D 21

- 7 Which set model best shows $12 \div 3$?

A 

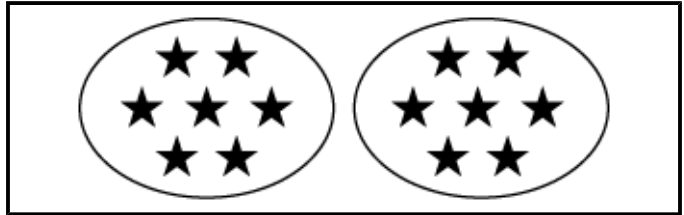
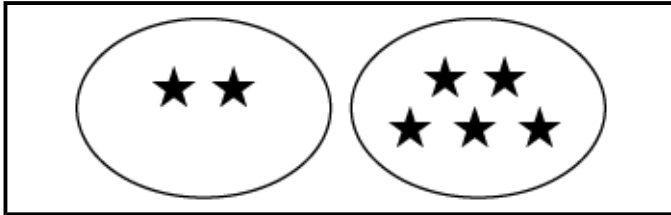
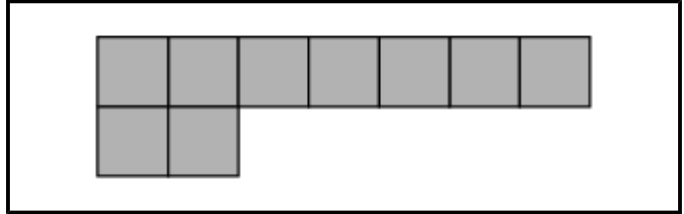
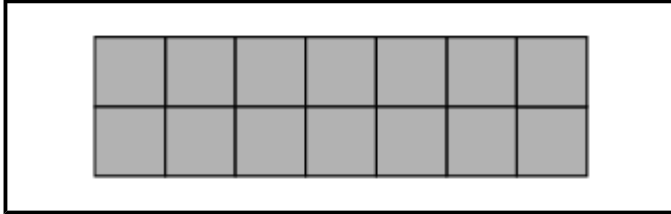
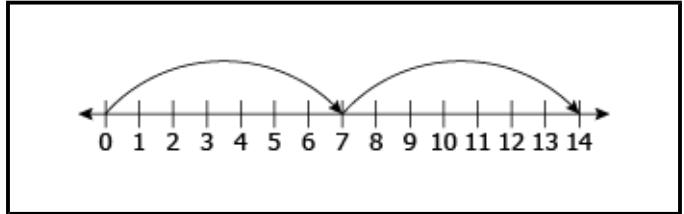
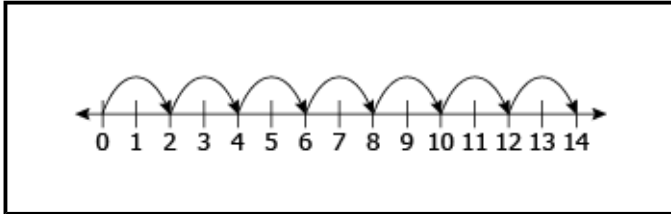
B 

C 

D 

8 Directions: Click on each model you want to choose. You must choose all correct models.

Identify each model that shows 2×7 .



9 Ming used the fact, $21 \div 7 = 3$, to help solve a different problem. Which of the following could be the problem she was trying to solve?

A $\square + 3 = 10$

B $21 \div \square = 7$

C $\square \div 3 = 21$

D $7 - \square = 3$

10 If you were given the following problem, $14 \div 2 = 7$, what related problem could that help you solve?

A $2 + 7 = 9$

B $7 \times 2 = 14$

C $7 \times 3 = 21$

D $14 - 2 = 12$

11 Directions: Click on each equation you want to choose. You must choose all correct equations.

Identify the related fact sentences for the number sentence $12 \times 11 = 132$.

$132 \div 11 = 12$

$11 \times 12 = 132$

$11 + 12 = 23$

$132 - 12 = 120$

$132 \div 12 = 11$

12 Which group of equations are NOT related facts?

A $72 \div 9 = 8$
 $8 \times 9 = 72$

B $11 \times 12 = 132$
 $132 \div 11 = 12$

C $12 \times 2 = 24$
 $24 \div 3 = 8$

D $90 \div 9 = 10$
 $10 \times 9 = 90$

13 Directions: Click on each equation you want to choose. You must choose all correct equations.

Identify the related fact sentences for the number sentence $9 \times 12 = 108$.

$108 \div 9 = 12$

$108 \div 12 = 9$

$12 \times 9 = 108$

$108 - 9 = 99$

$12 + 9 = 21$

14 Directions: Type your answer in the box.

Look at the number sentences.

What number can be written to replace the empty box?

$12 \times \square = 96$

$\square \times 12 = 96$

$96 \div 12 = \square$

$96 \div \square = 12$

15 Which statement is true?

A 623 is less than 568

B 6,887 is greater than 6,971

C 4,578 is greater than 4,452

D 562 is less than 415

- 16 Directions: Click on each number you want to select. You must select all correct numbers.

Choose the numbers that would round to 8,000 if rounded to the nearest thousand.

7,159	7,891
7,346	8,234
7,623	8,516

- 17 Directions: Type your answer in the box.

7,594 - 3,685 = ?

- 18 **3,408 + 792 =**

- A 4,110
- B 4,200
- C 3,100
- D 5,110

- 19 Directions: Click on each answer you want to choose. You must choose all correct answers.

Choose the numbers that have a 3 in the hundred thousands place, a 5 in the thousands place, and an 8 in the tens place.

435,287	345,782
635,082	354,829
352,814	365,981

- 20 **Lane went to a school of 4,387 students. James went to a school of 2,832 students. How many more students were there in Lane's school?**

- A 1,555
- B 1,500
- C 1,505
- D 1,005

- 21 **69 × 3 =**

- A 207
- B 180
- C 227
- D 72

