
Class Picture

1

A fourth grade class at Elm Street Elementary School stood in rows to have their picture taken. The photographer told 2 people to stand in the first row, 4 people to stand in the second row, and 6 people to stand in the 3rd row.



If the pattern continued, how many people did the photographer ask to stand in the 5th row?

- a) 8
- b) 10
- c) 12
- d) 30

Class Picture

2

A fourth grade class at Elm Street Elementary School stood in rows to have their picture taken. The photographer told 2 people to stand in the first row, 4 people to stand in the second row, and 6 people to stand in the 3rd row.

If the pattern continued, how many people did the photographer ask to stand in the 5th row?

- a) 7
- b) 8
- c) 10
- d) 12

Class Picture

3

A fourth grade class at Elm Street Elementary School stood in rows to have their picture taken. The photographer told 2 people to stand in the first row, 4 people to stand in the second row, and 6 people to stand in the 3rd row.

Row	1	2	3	4	5	6
Number of people	2	4	6			

If the pattern continued, how many people did the photographer ask to stand in the 6th row?

- a) 7
- b) 8
- c) 10
- d) 12

Class Picture

4

A fourth grade class at Elm Street Elementary School stood in rows to have their picture taken. There are 30 people in the class. The photographer asked students to stand in rows so that each row increased by two people. There were two people in the first row.

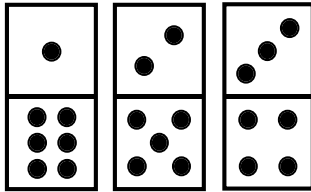
How many people were in the last row?

- a) 8
- b) 10
- c) 12
- d) 30

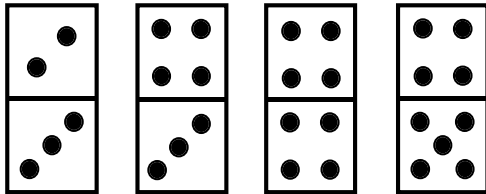
Dominoes

1

Josie arranged her dominoes to make the pattern below.



Which domino should she put next to continue her pattern?

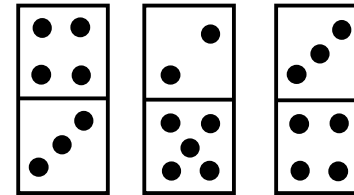


a) b) c) d)

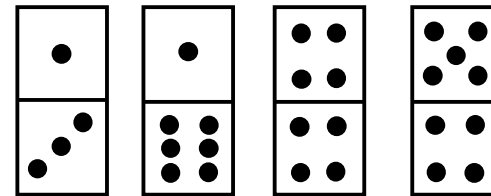
Dominoes

2

Lizzy was playing “Guess My Rule”. She chose these three dominoes to fit her rule.



Which domino would fit her rule?

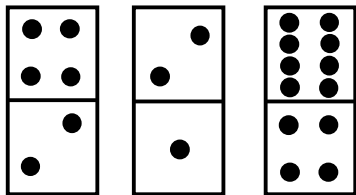


a) b) c) d)

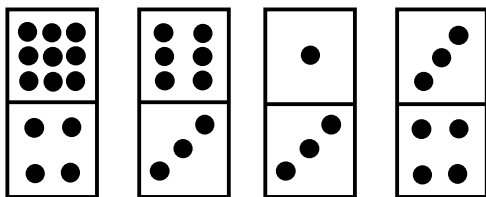
Dominoes

3

Lizzy was playing “Guess My Rule”. She chose these three dominoes to fit her rule.



Which domino would fit her rule?



a)

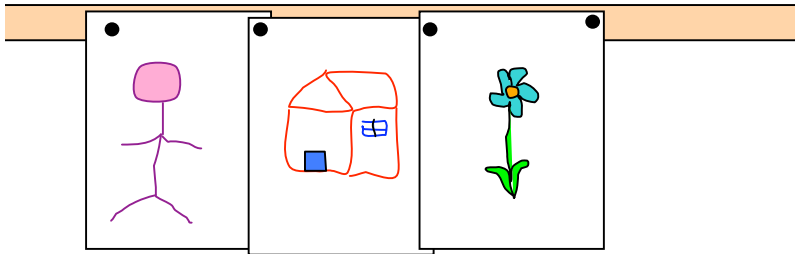
b)

c)

d)

Hanging Pictures

1

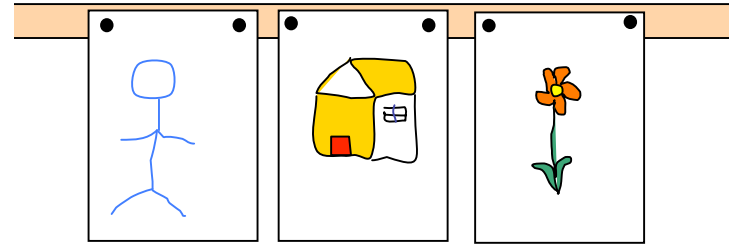


Children's pictures are to be hung in a line as shown in the figure above. Pictures that are hung next to each other share a tack. How many tacks are needed to hang 28 pictures this way?

- a) 27
- b) 28
- c) 29
- d) 30

Hanging Pictures

2

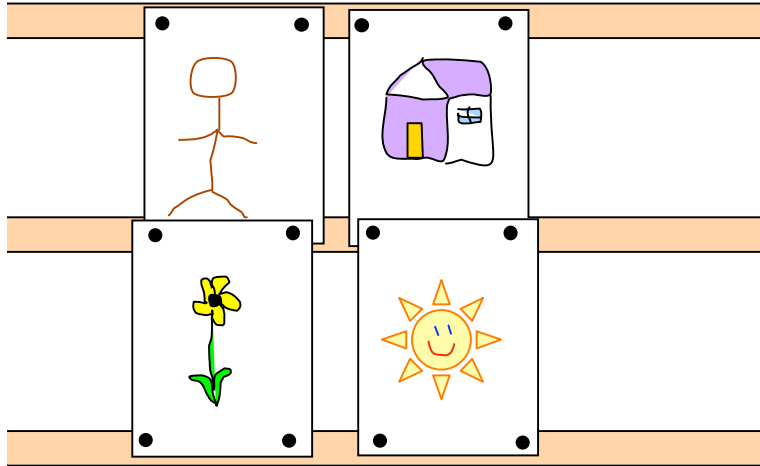


Children's pictures are to be hung in a line as shown in the figure above. How many tacks are needed to hang 28 pictures this way?

- a) 25
- b) 28
- c) 50
- d) 56

Hanging Pictures

3



Children's pictures are to be hung in two rows as shown in the figure above. The pictures share two tacks between the rows. How many tacks are needed to hang 20 pictures this way?

- a) 18
- b) 36
- c) 60
- d) 72

Delivering Newspapers 1

If \square represents the number of newspapers that Lee delivers each day, which of the following represents the total number of newspapers that Lee delivers in 5 days?

- a) $5 + \square$
- b) $5 \times \square$
- c) $\square \div 5$
- d) $\square - 5$

Delivering Newspapers 2

Lee delivers the same number of papers each day. If \bullet represents the total number of newspapers that Lee delivers in 5 days, which of the following represents the number of newspapers that Lee delivers in one day?

- a) $5 + \bullet$
- b) $5 \times \bullet$
- c) $\bullet \div 5$
- d) $\bullet - 5$

Delivering Newspapers 3

Lee and Monica deliver newspapers. Each day Monica delivers 5 more newspapers than Lee. If \blacklozenge represents the number of newspapers that Lee delivers each day, which of the following represents the number of newspapers that Monica delivers each day?

- a) $\blacklozenge + 5$
- b) $5 \times \blacklozenge$
- c) $\blacklozenge \div 5$
- d) $\blacklozenge - 5$

Delivering Newspapers 4

Lee and Monica deliver newspapers. Each day Monica delivers 5 more newspapers than Lee. If \blacktriangle represents the number of newspapers that Monica delivers each day, which of the following represents the number of newspapers that Lee delivers each day?

- a) $5 + \blacktriangle$
- b) $5 \times \blacktriangle$
- c) $\blacktriangle \div 5$
- d) $\blacktriangle - 5$

Posters

1

The graph below shows how many minutes it takes to make different numbers of posters.



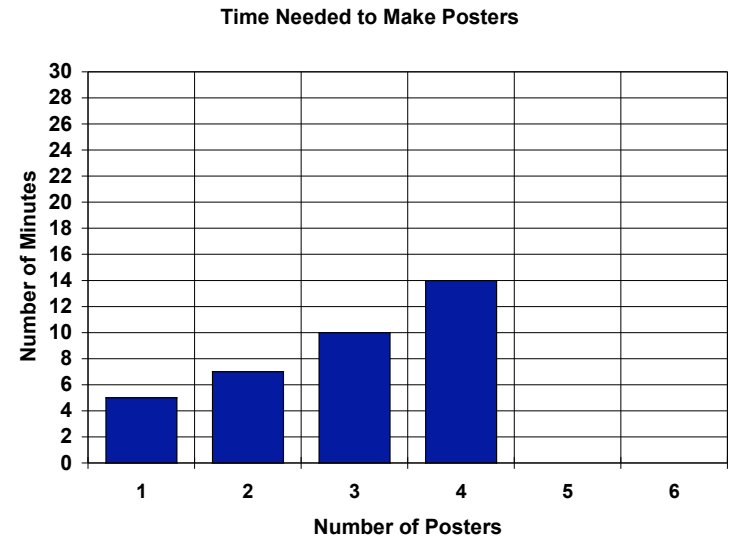
If this pattern continues, how many minutes will it take to make 6 posters?

- a) 50
- b) 55
- c) 60
- d) 65

Posters

2

The graph below shows how many minutes it takes to make different numbers of posters.



If this pattern continues, how many minutes will it take to make 6 posters?

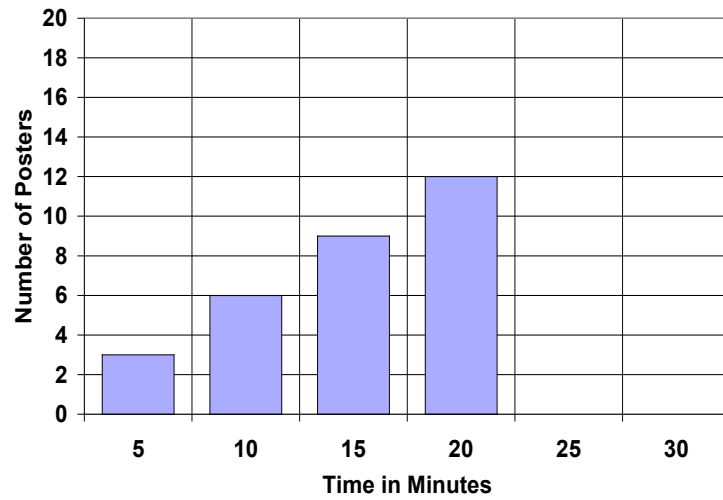
- a) 18
- b) 19
- c) 24
- d) 25

Posters

3

The graph below shows how many minutes it takes to make different numbers of posters.

Time Needed to Make Posters



If this pattern continues, how many posters can be made in 30 minutes?

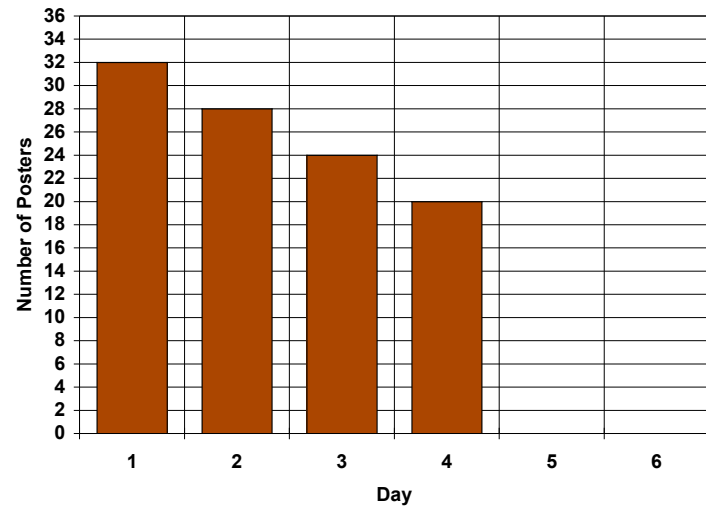
- a) 15
- b) 18
- c) 19
- d) 20

Posters

4

A fourth grade class was working on a poster project. Each day they kept track of how many posters were made.

Daily Posters Chart



If this pattern continues, how many posters would be made on Day 6?

- a) 12
- b) 16
- c) 30
- d) 36