

Name _____

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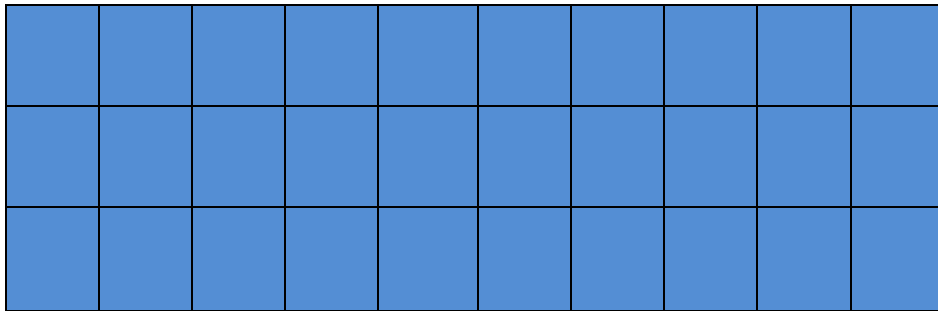
Line Plots That Display Data -Step-by-Step Lesson

Lesson 1 Compare the numbers:

1.) David plays with blocks and always forms different types of shapes with the blocks. One day he was playing with 30 blocks and formed a helicopter.

a) If he used $\frac{1}{6}$ of the blocks for the helicopter's fan, how many blocks did he use for the rest of the helicopter?

b) If he colored $\frac{1}{3}$ of the blocks. How many of the blocks would not have any color?



Explanation:

Step 1a) First we look to see what is being asked of us.

"How many blocks he used for remaining parts of the helicopter?"

Step2a) If he has a 30 blocks and $\frac{1}{6}$ of those pieces are used for a fan.

$$30 \times \frac{1}{6} = 5 \text{ blocks}$$

He used 5 blocks for fan.



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Step3a) The remaining blocks are used for the rest of the helicopter:

$$30 - 5 = 25 \text{ blocks}$$

He used 25 blocks for rest of the helicopter.

Answer is: 25 block

Step 1b) If he has 30 blocks and he colored $\frac{1}{3}$ of those blocks.

$$30 \times \frac{1}{3} = 10 \text{ blocks}$$

He colored 10 blocks.

Step2b) The blocks are left would equal:

$$30 - 10 = 20 \text{ blocks}$$

20 blocks are left.

Answer is: 20 block

