

Name \_\_\_\_\_

Date \_\_\_\_\_



## RATIO AND PROPORTION COLOR IN 3

Color in the objects to correctly represent the ratio.

Fill in the missing numbers and express the proportion as a fraction in its simplest form.

1) Ratio of orange fish to blue fish to red fish is 2:1:3.



There are \_\_\_\_ orange fish, \_\_\_\_ blue fish and \_\_\_\_ red fish.

Proportion of orange fish	Proportion of blue fish	Proportion of red fish
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2) Ratio of yellow socks to blue socks to white socks is 2:1:4.



There are \_\_\_\_ yellow socks, \_\_\_\_ blue socks and \_\_\_\_ white socks.

Proportion of yellow socks	Proportion of blue socks	Proportion of white socks
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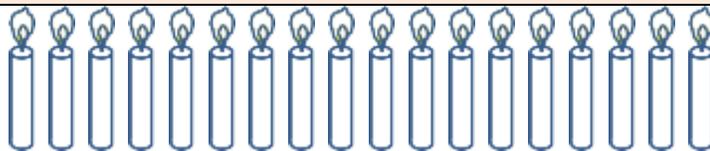
3) Ratio of brown bears to black bears to polar bears is 2:2:1.



There are \_\_\_\_ brown bears, \_\_\_\_ black bears and \_\_\_\_ polar bears.

Proportion of brown bears	Proportion of black bears	Proportion of polar bears
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4) Ratio of red candles to blue candles to white candles is 3:4:2.



There are \_\_\_\_ red candles, \_\_\_\_ blue candles and \_\_\_\_ white candles.

Proportion of red candles	Proportion of blue candles	Proportion of white candles
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Name

Date



## RATIO AND PROPORTION COLOR IN 3 ANSWERS

1) Ratio of orange fish to blue fish to red fish is 2:1:3.



There are 4 orange fish, 2 blue fish and 6 red fish.

Proportion of orange fish	$\frac{4}{12} = \frac{1}{3}$	Proportion of blue fish	$\frac{2}{12} = \frac{1}{6}$	Proportion of red fish	$\frac{6}{12} = \frac{1}{2}$
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2) Ratio of yellow socks to blue socks to white socks is 2:1:4.



There are 4 yellow socks, 2 blue socks and 8 white socks.

Proportion of yellow socks	$\frac{4}{14} = \frac{2}{7}$	Proportion of blue socks	$\frac{2}{14} = \frac{1}{7}$	Proportion of white socks	$\frac{8}{14} = \frac{4}{7}$
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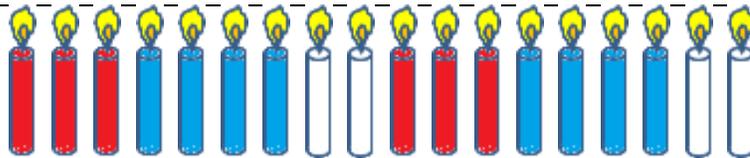
3) Ratio of brown bears to black bears to polar bears is 2:2:1.



There are 4 brown bears, 4 black bears and 2 polar bears.

Proportion of brown bears	$\frac{4}{10} = \frac{2}{5}$	Proportion of black bears	$\frac{4}{10} = \frac{2}{5}$	Proportion of polar bears	$\frac{2}{10} = \frac{1}{5}$
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4) Ratio of red candles to blue candles to white candles is 3:4:2.



There are 6 red candles, 8 blue candles and 4 white candles.

Proportion of red candles	$\frac{6}{18} = \frac{1}{3}$	Proportion of blue candles	$\frac{8}{18} = \frac{4}{9}$	Proportion of white candles	$\frac{4}{18} = \frac{2}{9}$
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