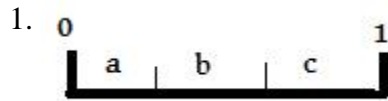


3rd Grade Number & Operations—Fractions

Develop understanding of fractions as numbers. Standard 1 & 2, Test 1

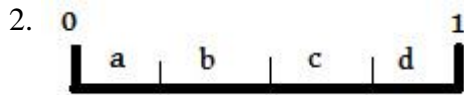
Multiple Choice

Identify the choice that best completes the statement or answers the question.



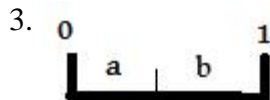
Line 0 - 1 is a whole line. What fraction of line 0 - 1 does section “a” represent?

- a. $\frac{1}{2}$
- b. $\frac{1}{3}$
- c. $\frac{2}{3}$
- d. 1



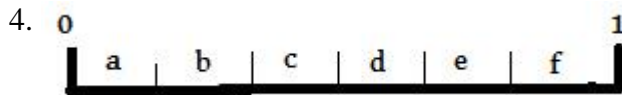
Line 0 - 1 is a whole line. What fraction of line 0 - 1 do sections “c and d” represent?

- a. 1
- b. $\frac{1}{3}$
- c. 2
- d. $\frac{2}{4}$



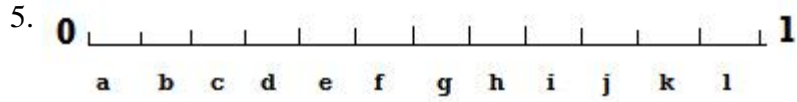
Line 0 - 1 is a whole line. What fraction of line 0 - 1 do sections “a and b” represent?

- a. 1
- b. $\frac{1}{3}$
- c. 2
- d. $\frac{1}{4}$



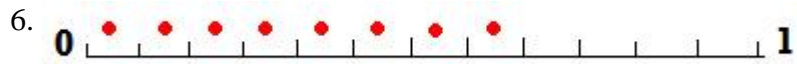
Line 0 - 1 is a whole line. What fraction of line 0 - 1 do sections “a, b, c, d,” represent?

- a. $\frac{1}{1}$
- b. 1
- c. $\frac{4}{6}$
- d. $\frac{6}{6}$



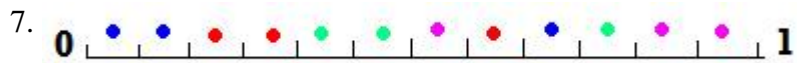
What fraction of the whole line do letters e, f, g, h represent?

- a. $\frac{4}{1}$
- b. $\frac{4}{12}$
- c. $\frac{1}{4}$
- d. $\frac{3}{12}$



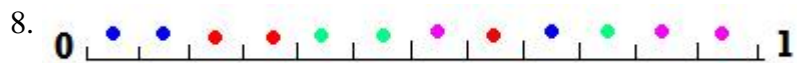
What fraction of the whole line has red dots?

- a. $\frac{8}{12}$
- b. $\frac{12}{8}$
- c. $\frac{8}{1}$
- d. 1



What fraction of the whole line has colored dots?

- a. $\frac{8}{12}$
- b. $\frac{12}{1}$
- c. $\frac{1}{12}$
- d. $\frac{12}{12}$



What fraction of the whole line has blue and green colored dots?

- a. $\frac{3}{12}$
- b. $\frac{12}{3}$
- c. $\frac{6}{12}$
- d. $\frac{12}{12}$



Which letter can be found at $\frac{1}{12}$ of the whole line?

- a. A
- b. B
- c. E
- d. D



Which letter can be found at $\frac{7}{12}$ of the whole line?

- a. A
- b. B

- c. E
- d. C

Answer 1: B

0 - 1 is the whole line. It equals one line. It is divided into 3 parts - a, b and c. Letter "a" represents 1 part of the whole, so it is $\frac{1}{3}$ of the whole line.

Answer 2: D

0 - 1 is the whole line. It equals one line. It is divided into 4 parts - a, b, c and d. Letters "c and d" represents 2 parts of the whole, so they are $\frac{2}{4}$ of the whole line.

Answer 3: A

0 - 1 is the whole line. It equals one line. It is divided into 2 parts - a and b. Letters "a and b" represents 2 parts of the whole, so they are $\frac{2}{2}$ of the whole line. In other words, it is the whole thing, so it is 1. Answer 4:

Answer 4: C

0 - 1 is the whole line. It equals one line. It is divided into 6 parts - a, b, c, d, e, f. Letters "a, b, c, d" represents 4 parts of the whole, so they are $\frac{4}{6}$ of the whole line.

Answer 5: B

There are 12 sections to the whole line. E, f, g, and h are equal to 4 of the 12, or $\frac{4}{12}$.

Answer 6: B

There are 12 sections to the whole line. E, f, g, and h are equal to 4 of the 12, or $\frac{4}{12}$.

Answer 7: D

There are 12 sections to the whole line. All 12 of the 12 sections have red dots, so you have $\frac{12}{12}$.

Answer 8: C

There are 12 sections to the whole line. 3 are green and 3 are blue. So, a total of 6 of the 12 sections have blue or green dots, so you have $\frac{6}{12}$.

Answer 9: A

The whole line is divided into 12 parts. The first line is 1 of the 12 parts, or $\frac{1}{12}$.

Answer 10: A

The whole line is divided into 12 parts. The first line is 1 of the 12 parts, or $\frac{1}{12}$.