

Write a ratio in the three standard notations

NAME	DATE	SCORE / 10
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- 1** A class has 2 boys and 7 girls. Write the ratio of boys to girls with a colon.

- 2** A class has 2 boys and 7 girls. Which list writes the ratio of boys to girls in three ways?

☐ 2 to 7, 2:7, $\frac{2}{7}$
☐ 7 to 2, 7:2, $\frac{7}{2}$
☐ 2 to 7, 2:7, $\frac{2}{7}$
☐ 2 to 7, 2:7, $\frac{7}{2}$

- 3** A bag has 7 red and 2 blue marbles. Write the ratio of red marbles to blue marbles in the form "a to b".

- 4** A pet shop has 6 cats and 7 dogs. Which list writes the ratio of cats to dogs in three ways?

☐ 7 to 6, 7:6, $\frac{7}{6}$
☐ 6 to 7, 6:7, $\frac{6}{13}$
☐ 6 to 7, 6:7, $\frac{6}{7}$
☐ 6 to 7, 6:7, $\frac{7}{6}$

- 5** A class has 7 boys and 5 girls. Write the ratio of boys to girls as a fraction.

- 6** A bag has 7 red marbles and 8 blue marbles. Which list writes the ratio of red marbles to blue marbles in three ways?

☐ 7 to 8, 7:8, $\frac{8}{7}$
☐ 8 to 7, 8:7, $\frac{8}{7}$
☐ 7 to 8, 7:8, $\frac{7}{8}$
☐ 7 to 8, 7:8, $\frac{7}{15}$

- 7** A bag has 5 red and 6 blue marbles. Write the ratio of blue marbles to red marbles with a colon.

- 8** A fish tank has 5 red fish and 2 yellow fish. Which list writes the ratio of red fish to yellow fish in three ways?

☐ 2 to 5, 2:5, $\frac{2}{5}$
☐ 5 to 2, 5:2, $\frac{5}{7}$
☐ 5 to 2, 5:2, $\frac{5}{2}$
☐ 5 to 2, 5:2, $\frac{2}{5}$

- 9** A box has 7 pens and 2 pencils. Write the ratio of pens to pencils in the form "a to b".

- 10** A class has 7 boys and 2 girls. Which list writes the ratio of girls to boys in three ways?

☐ 2 to 7, 2:7, $\frac{2}{7}$
☐ 2 to 7, 2:7, $\frac{7}{2}$
☐ 2 to 7, 2:7, $\frac{2}{9}$
☐ 7 to 2, 7:2, $\frac{7}{2}$

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1 2:7

3 7 to 2

5 7/5

7 6:5

9 7 to 2

2 2 to 7, 2:7, 2/7

4 6 to 7, 6:7, 6/7

6 7 to 8, 7:8, 7/8

8 5 to 2, 5:2, 5/2

10 2 to 7, 2:7, 2/7