

Write a ratio in the three standard notations

NAME	DATE	SCORE / 10
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- 1** A box has 8 pens and 5 pencils. Write the ratio of pencils to pens as a fraction.

- 2** A fish tank has 4 red fish and 3 yellow fish. Which list writes the ratio of red fish to yellow fish in three ways?

☐ 4 to 3, 4:3, $\frac{4}{7}$
☐ 4 to 3, 4:3, $\frac{3}{4}$
☐ 4 to 3, 4:3, $\frac{4}{3}$
☐ 3 to 4, 3:4, $\frac{3}{4}$

- 3** A class has 3 boys and 5 girls. Write the ratio of boys to girls with a colon.

- 4** A fish tank has 6 red fish and 7 yellow fish. Which list writes the ratio of yellow fish to red fish in three ways?

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

- 5** A bag has 2 red and 5 blue marbles. Write the ratio of red marbles to blue marbles in the form "a to b".

- 6** A bag has 4 red marbles and 3 blue marbles. Which list writes the ratio of red marbles to blue marbles in three ways?

☐ 4 to 3, 4:3, $\frac{4}{7}$ ☐ 3 to 4, 3:4, $\frac{3}{4}$ ☐ 4 to 3, 4:3, $\frac{3}{4}$ ☐ 4 to 3, 4:3, $\frac{4}{3}$

- 7** A pet shop has 3 cats and 2 dogs. Write the ratio of dogs to cats in the form "a to b".

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

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

- 9** A pet shop has 4 cats and 9 dogs. Write the ratio of dogs to cats as a fraction.

- 10** A pet shop has 5 cats and 4 dogs. Which list writes the ratio of dogs to cats in three ways?

☐ 5 to 4, 5:4, $\frac{5}{4}$ ☐ 4 to 5, 4:5, $\frac{5}{4}$ ☐ 4 to 5, 4:5, $\frac{4}{9}$ ☐ 4 to 5, 4:5, $\frac{4}{5}$

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1 5/8

3 3:5

5 2 to 5

7 2 to 3

9 9/4

2 4 to 3, 4:3, 4/3

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

6 4 to 3, 4:3, 4/3

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

10 4 to 5, 4:5, 4/5