

Write a ratio in the three standard notations

NAME	DATE	SCORE / 10
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- 1** A pet shop has 2 cats and 5 dogs. Write the ratio of dogs to cats with a colon.

- 2** A pet shop has 3 cats and 2 dogs. Which list writes the ratio of cats to dogs in three ways?

☐ 3 to 2, 3:2, $\frac{2}{3}$
☐ 3 to 2, 3:2, $\frac{3}{2}$
☐ 2 to 3, 2:3, $\frac{2}{3}$
☐ 3 to 2, 3:2, $\frac{3}{5}$

- 3** A box has 8 pens and 9 pencils. Write the ratio of pencils to pens as a fraction.

- 4** A fish tank has 7 red fish and 8 yellow fish. Which list writes the ratio of red fish to yellow fish in three ways?

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

- 5** A class has 4 boys and 3 girls. Write the ratio of girls to boys in the form "a to b".

- 6** A bag has 7 red marbles and 5 blue marbles. Which list writes the ratio of red marbles to blue marbles in three ways?

☐ 5 to 7, 5:7, $\frac{5}{7}$
☐ 7 to 5, 7:5, $\frac{5}{7}$
☐ 7 to 5, 7:5, $\frac{7}{12}$
☐ 7 to 5, 7:5, $\frac{7}{5}$

- 7** A class has 6 boys and 5 girls. Write the ratio of boys to girls as a fraction.

- 8** A fish tank has 9 red fish and 4 yellow fish. Which list writes the ratio of yellow fish to red fish in three ways?

☐ 9 to 4, 9:4, $\frac{9}{4}$
 ☐ 4 to 9, 4:9, $\frac{9}{4}$
 ☐ 4 to 9, 4:9, $\frac{4}{9}$
 ☐ 4 to 9, 4:9, $\frac{4}{13}$

- 9** A box has 7 pens and 2 pencils. Write the ratio of pencils to pens with a colon.

- 10** A bag has 9 red marbles and 8 blue marbles. Which list writes the ratio of blue marbles to red marbles in three ways?

☐ 8 to 9, 8:9, $\frac{8}{9}$
 ☐ 9 to 8, 9:8, $\frac{9}{8}$
 ☐ 8 to 9, 8:9, $\frac{9}{8}$
 ☐ 8 to 9, 8:9, $\frac{8}{17}$

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1 5:2

3 9/8

5 3 to 4

7 6/5

9 2:7

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

4 7 to 8, 7:8, 7/8

6 7 to 5, 7:5, 7/5

8 4 to 9, 4:9, 4/9

10 8 to 9, 8:9, 8/9