

2 Equivalent Ratios

Your Turn Questions

1. Write one or more equivalent ratio for each ratio.

a) 1:2

b) 4:12

c) 15:18

d) 3:7

2. Which statement below is true?

A 4:8 is equivalent to 5:9.

B 4:8 is equivalent to 8:4.

C 4:8 is equivalent to 40:80.

D 4:8 is equivalent to 14:18.

3. Which ratio below is **not** equivalent to 5:8?

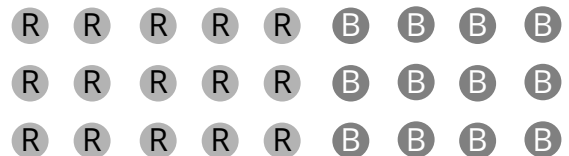
A 50:80

B 15:24

C 15:18

D 60:96

4. a) What two equivalent ratios can you see in this model?



b) Write two ratios that are equivalent to the ratios you wrote in part a).

2

Equivalent Ratios

Your Turn Questions (continued)

5. Sketch a model to show that $3:4$ is equivalent to $6:8$.

6. During any 1-hour time period on TV, there are about 15 minutes of commercials.

a) Write a ratio that compares the time for commercials to the actual TV show time.



b) Write two or more ratios that are equivalent to the ratio you wrote in part a).

c) Write a ratio that compares the time for commercials to the total 1-hour period.

d) Write two or more ratios that are equivalent to the ratio you wrote in part c).

7. Which ratios in Question 6 are part-to-part and which are part-to-whole?