



Math 6

UNIT 1 – Interactive Notebook 1-3 Equivalent Ratios and Tables

Name:

Date:

Common Core Standards

[CCSS.MATH.CONTENT.6.RP.A.3](#)

Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.

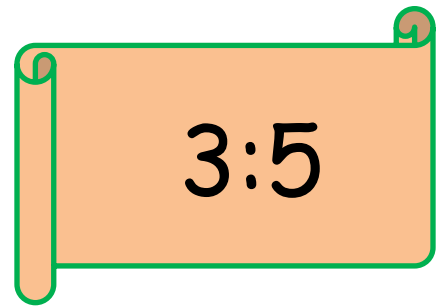
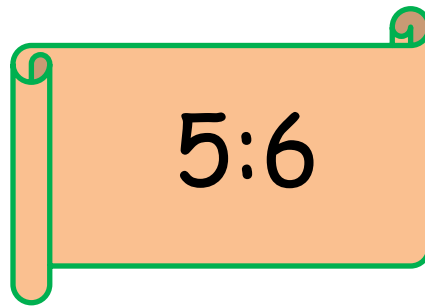
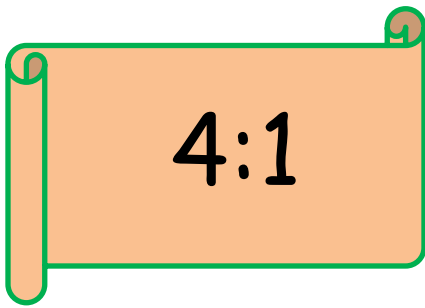
[CCSS.MATH.CONTENT.6.RP.A.3.A](#)

Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.

1-3 Equivalent Ratios and Tables

Example:	Are 2:3, 4:6 and 6:9 equivalent ratios?
Step 1:	$\frac{2}{3}$, $\frac{4}{6}$ and $\frac{6}{9}$
Step 2:	$\frac{2}{3}$, $\frac{2}{3}$ and $\frac{2}{3}$
Step 3:	YES

Give three ratios that are
equivalent to the following:



Task Cards

Match the pink card with the blue card.

1.

16:18

a.

12:18

2.

24:36

b.

125:25

3.

1:5

c.

32:36

4.

$$49:14$$

d.

$$9:2$$

5.

$$72:16$$

e.

$$14:4$$

6.

$$5:1$$

f.

$$18:81$$

7.

2:9

g.

30:50

8.

12:20

h.

16:80

ANSWER KEY

4:1 (Answers may vary) 8:2, 12:3, 16:4

5:6 (Answers may vary) 10:12, 15:18, 20:24

3:5 (Answers may vary) 6:10, 9:15, 12:20

Task Cards

1. c

2. a

3. h

4. e

5. d

6. b

7. f

8. g