



# RATIO - CUSTOMARY UNITS

Name \_\_\_\_\_

Score \_\_\_\_\_

RO:28

Simplify each ratio in the simplest form.

1) 11 yd : 22 yd = \_\_\_\_\_

2) 70 ft : 63 ft = \_\_\_\_\_

3) 32 in : 56 in : 8 in = \_\_\_\_\_

4) 9 yd : 15 yd : 24 yd = \_\_\_\_\_

5) 60 ft : 66 ft : 72 ft = \_\_\_\_\_

6) 12 in : 2 in = \_\_\_\_\_

Complete the table.

1

9 ft		18 ft	
8 ft	40 ft		48 ft

2

1 yd	2 yd		5 yd
4 yd		12 yd	

1) Share 121 feet in the ratio of 5 : 6

2) Share 240 inches in the ratio of 2 : 1 : 9

3) Share 48 yards in the ratio of 4 : 3 : 1

4) Share 75 feet in the ratio of 8 : 7

5) Divide 36 inches in the ratio of

a) 1 : 2

b) 7 : 5

c) 8 : 3 : 1

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# RATIO - CUSTOMARY UNITS

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Score \_\_\_\_\_

## Answer key

RO:28

Simplify each ratio in the simplest form.

1) 11 yd : 22 yd = 1 yd : 2 yd

2) 70 ft : 63 ft = 10 ft : 9 ft

3) 32 in : 56 in : 8 in = 4 in : 7 in : 1 in

4) 9 yd : 15 yd : 24 yd = 3 yd : 5 yd : 8 yd

5) 60 ft : 66 ft : 72 ft = 10 ft : 11 ft : 12 ft

6) 12 in : 2 in = 6 in : 1 in

Complete the table.

1

9 ft	<b>45 ft</b>	18 ft	<b>54 ft</b>
8 ft	40 ft	<b>16 ft</b>	48 ft

2

1 yd	2 yd	<b>3 yd</b>	5 yd
4 yd	<b>8 yd</b>	12 yd	<b>20 yd</b>

1) Share 121 feet in the ratio of 5 : 6

**55 ft, 66 ft**

2) Share 240 inches in the ratio of 2 : 1 : 9

**40 in, 20 in, 180 in**

3) Share 48 yards in the ratio of 4 : 3 : 1

**24 yd, 18 yd, 6 yd**

4) Share 75 feet in the ratio of 8 : 7

**40 ft, 35 ft**

5) Divide 36 inches in the ratio of

a) 1 : 2

b) 7 : 5

c) 8 : 3 : 1

12 in, 24 in

21 in, 15 in

24 in, 9 in, 3 in