



RATIO - CUSTOMARY UNITS

Name _____

Score _____

Simplify each ratio in the simplest form.

1) 45 in : 15 in = _____

2) 3 yd : 6 yd : 12 yd = _____

3) 75 ft : 100 ft = _____

4) 17 in : 102 in = _____

5) 3 yd : 24 yd = _____

6) 20 ft : 14 ft : 6 ft = _____

Complete the table.

1

1 yd	3 yd		7 yd
2 yd		4 yd	

2

8 in		40 in	
5 in	40 in		15 in

1) Share 200 yards in the ratio of 7 : 1 : 2

2) Share 48 feet in the ratio of 5 : 11

3) Share 117 inches in the ratio of 4 : 9

4) Share 182 inches in the ratio of 1 : 3 : 10

5) Divide 300 feet in the ratio of

a) 3 : 2 : 1

b) 1 : 4

c) 7 : 8



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Answer key

Simplify each ratio in the simplest form.

1) 45 in : 15 in = 3 in : 1 in

2) 3 yd : 6 yd : 12 yd = 1 yd : 2 yd : 4 yd

3) 75 ft : 100 ft = 3 ft : 4 ft

4) 17 in : 102 in = 1 in : 6 in

5) 3 yd : 24 yd = 1 yd : 8 yd

6) 20 ft : 14 ft : 6 ft = 10 ft : 7 ft : 3 ft

Complete the table.

1

1 yd	3 yd	2 yd	7 yd
2 yd	6 yd	4 yd	14 yd

2

8 in	64 in	40 in	24 in
5 in	40 in	25 in	15 in

1) Share 200 yards in the ratio of 7 : 1 : 2

140 yd , 20 yd , 40 yd

2) Share 48 feet in the ratio of 5 : 11

15 ft , 33 ft

3) Share 117 inches in the ratio of 4 : 9

36 in , 81 in

4) Share 182 inches in the ratio of 1 : 3 : 10

13 in , 39 in , 130 in

5) Divide 300 feet in the ratio of

a) 3 : 2 : 1

b) 1 : 4

c) 7 : 8

150 ft , 100 ft , 50 ft

60 ft , 240 ft

140 ft , 160 ft