



RATIO - CUSTOMARY UNITS

Name _____

Score _____

Simplify each ratio in the simplest form.

1) $4 \text{ ft} : 2 \text{ ft} : 20 \text{ ft} =$ _____

2) $121 \text{ in} : 132 \text{ in} =$ _____

3) $15 \text{ yd} : 75 \text{ yd} =$ _____

4) $91 \text{ ft} : 52 \text{ ft} =$ _____

5) $99 \text{ in} : 88 \text{ in} =$ _____

6) $60 \text{ yd} : 50 \text{ yd} : 30 \text{ yd} =$ _____

Complete the table.

1

10 in			40 in
1 in	2 in	3 in	

2

6 ft	18 ft	30 ft	
11 ft			22 ft

1) Share 88 inches in the ratio of 2 : 9

2) Share 169 feet in the ratio of 8 : 5

3) Share 144 feet in the ratio of 3 : 4 : 5

4) Share 400 yards in the ratio of 12 : 7 : 1

5) Divide 126 yards in the ratio of

a) 13 : 5

b) 1 : 2 : 6

c) 2 : 1



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Answer key

Simplify each ratio in the simplest form.

1) $4 \text{ ft} : 2 \text{ ft} : 20 \text{ ft} = \underline{2 \text{ ft} : 1 \text{ ft} : 10 \text{ ft}}$

2) $121 \text{ in} : 132 \text{ in} = \underline{11 \text{ in} : 12 \text{ in}}$

3) $15 \text{ yd} : 75 \text{ yd} = \underline{1 \text{ yd} : 5 \text{ yd}}$

4) $91 \text{ ft} : 52 \text{ ft} = \underline{7 \text{ ft} : 4 \text{ ft}}$

5) $99 \text{ in} : 88 \text{ in} = \underline{9 \text{ in} : 8 \text{ in}}$

6) $60 \text{ yd} : 50 \text{ yd} : 30 \text{ yd} = \underline{6 \text{ yd} : 5 \text{ yd} : 3 \text{ yd}}$

Complete the table.

1

10 in	20 in	30 in	40 in
1 in	2 in	3 in	4 in

2

6 ft	18 ft	30 ft	12 ft
11 ft	33 ft	55 ft	22 ft

1) Share 88 inches in the ratio of 2 : 9

16 in , 72 in

2) Share 169 feet in the ratio of 8 : 5

104 ft , 65 ft

3) Share 144 feet in the ratio of 3 : 4 : 5

36 ft , 48 ft , 60 ft

4) Share 400 yards in the ratio of 12 : 7 : 1

240 yd , 140 yd , 20 yd

5) Divide 126 yards in the ratio of

a) 13 : 5

b) 1 : 2 : 6

c) 2 : 1

91 yd , 35 yd

14 yd , 28 yd , 84 yd

84 yd , 42 yd