RATIO - CUSTOMARY UNITS

Simplify each ratio in the simplest form.

1) 4 ft : 2 ft : 20 ft = _____

2) 121 in : 132 in = _____

3) 15 yd : 75 yd = _____

4) 91 ft : 52 ft = _____

5) 99 in : 88 in = _____

6) 60 yd : 50 yd : 30 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

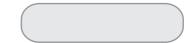1) Share 88 inches in the ratio of 2 : 9

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

_____   _____   _____

RATIO - CUSTOMARY UNITS

Answer key

RO:30

Simplify each ratio in the simplest form.

1) 4 ft : 2 ft : 20 ft   =   **2 ft : 1 ft : 10 ft**

2) 121 in : 132 in   =   **11 in : 12 in**

3) 15 yd : 75 yd   =   **1 yd : 5 yd**

4) 91 ft : 52 ft   =   **7 ft : 4 ft**

5) 99 in : 88 in   =   **9 in : 8 in**

6) 60 yd : 50 yd : 30 yd   =   **6 yd : 5 yd : 3 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