RATIO - CUSTOMARY UNITS

Simplify each ratio in the simplest form.

1)   27 in : 15 in   = _____

2)   4 yd : 8 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

_____   _____   _____

RATIO - CUSTOMARY UNITS

Answer key

Simplify each ratio in the simplest form.

1) 27 in : 15 in $\quad$ = $\quad$ **9 in : 5 in**

2) 4 yd : 8 yd : 12 yd $\quad$ = $\quad$ **1 yd : 2 yd : 3 yd**

3) 75 ft : 100 ft $\quad$ = $\quad$ **3 ft : 4 ft**

4) 17 in : 102 in $\quad$ = $\quad$ **1 in : 6 in**

5) 3 yd : 24 yd $\quad$ = $\quad$ **1 yd : 8 yd**

6) 20 ft : 14 ft : 6 ft $\quad$ = $\quad$ **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

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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

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5) Divide 300 feet in the ratio of

a) 3 : 2 : 1 $\qquad$ b) 1 : 4 $\qquad$ c) 7 : 8

150 ft , 100 ft , 50 ft $\qquad$ **60 ft , 240 ft** $\qquad$ **140 ft , 160 ft**