Converting units

Name _____ Date _____

Convert. Bigger unit to smaller: multiply. Smaller to bigger: divide. Common Core 5.MD.A.1

Example 460 cm = ? m
1. 100 cm = 1 m. Smaller to bigger unit, so divide by 100.
2. 460 ÷ 100 = 4.6.

Answer: 4.6 m

1. 2 cm = ____ mm
2. 8 m = ____ mm
3. 327 mm = ____ cm
4. 697 cm = ____ m
5. 1,550 mL = ____ L
6. 8,250 mL = ____ L

Convert the US units.

Example 7 ft = ? in
1. 1 ft = 12 in (1 yd = 3 ft = 36 in).
2. 7 × 12 = 84.

Answer: 84 in

7. 396 in = ____ yd
8. 120 in = ____ ft
9. 176 oz = ____ lb
10. 144 oz = ____ lb
11. 3 gal = ____ qt
12. 12 qt = ____ c

Free to share with other families. Not for resale.

Two units & fractions

Name _____ Date _____

Convert. Change the bigger unit first.

Common Core 5.MD.A.1

Example 5 ft 9 in = ? in

1. Change the feet to inches: 5 × 12 = 60 in.
2. Add the extra inches: 60 + 9 = 69.

Answer: 69 in

1. 346 min = ☐ h ☐ min
2. 59 days = ☐ weeks ☐ days
3. 37 qt = ☐ gal ☐ qt
4. 25 ft = ☐ yd ☐ ft
5. 16 ft = ☐ yd ☐ ft
6. 3 ft 11 in = ☐ in

Write each answer as a fraction or a mixed number.

Example 20 in = ? ft

1. 12 in = 1 ft, so 20 in = $\frac{20}{12}$ ft.
2. $\frac{20}{12} = 1\frac{8}{12} = 1\frac{2}{3}$.

Answer: $1\frac{2}{3}$ ft

7. 48 in = ☐ yd
8. 46 oz = ☐ lb
9. 12 oz = ☐ lb
10. 96 min = ☐ h
11. 1 ft = ☐ yd
12. 7 qt = ☐ gal

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Answers

Answers are in the same order as the boxes.

Page 1 · Converting units

1. 20 mm
2. 8,000 mm
3. 32.7 cm
4. 6.97 m
5. 1.55 L
6. 8.25 L
7. 11 yd
8. 10 ft
9. 11 lb
10. 9 lb
11. 12 qt
12. 48 c

Page 2 · Two units & fractions

1. 5 h 46 min
2. 8 weeks 3 days
3. 9 gal 1 qt
4. 8 yd 1 ft
5. 5 yd 1 ft
6. 47 in
7. 1 1/3 yd
8. 2 7/8 lb
9. 3/4 lb
10. 1 3/5 h
11. 1/3 yd
12. 1 3/4 gal

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