

Lab # 3 – Unit Conversions – Measurement Solutions

Example

Part a equals 1 over 8
Part b equals 1 over 5
Part c equals 1 over 10
Part d equals 1 over 16

Example

A equals 5 over 16 inches
B equals 3 over 4 inches
C equals the mixed number 1 and 1 over 32 inches
D equals 1 and a half
E equals 8 over 64 which equals 1 over 8 inches
F equals 37 over 64 which equals 17 over 32
G equals 53 over 64
H equals the mixed number 1 and 28 over 64 which equals the mixed number 1 and 7 over 16 inches

Practice

1 year times the fraction 365 days over 1 year times the fraction 24 hours over 1 day times the fraction 60 minutes over 1 hour equals 525,600 minutes

10 feet times the fraction 30 point 48 centimeters over 1 foot equals 304 point 8 centimeters

1 point 3 miles times the fraction 1 point 6093 kilometers over 1 mile times the fraction 1000 meters over 1 kilometer equals 2092 point 09 meters

2. two feet time 12 inches equals 24 inches plus the mixed fraction 3 and 3 over 8 inches equals the mixed fraction 27 and 3 over 8 inches



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