

Algebra One Even Answers

PS 1:

2] $\frac{1}{8}$ 4] $\frac{8}{15}$ 6] $\frac{13}{24}$ 8] $\frac{4}{15}$ 10] $\frac{11}{17}$ 12] $\frac{6}{25}$
14] $\frac{17}{20}$ 16] $5\frac{7}{10} = \frac{57}{10}$ 18] $8\frac{21}{40} = \frac{341}{40}$ 20] $20\frac{5}{8} = \frac{165}{8}$ 22] $23\frac{14}{33} = \frac{773}{33}$
24] $36\frac{47}{104} = \frac{3791}{104}$ 26] $13\frac{77}{190} = \frac{2547}{190}$ 28] $12\frac{23}{56} = \frac{695}{56}$ units 30] $9\frac{1}{16} = \frac{145}{16}$ units

PS 1.5:

A] A = -6 B = -4.5 = $-4\frac{1}{2}$ C = -3 D = $-.75 = -\frac{3}{4}$ E = 1 F = $2.75 = 2\frac{3}{4}$
G = $3.5 = 3\frac{1}{2}$ H = $5.25 = 5\frac{1}{4}$ I = 7 B] C1] 4, 5, 9 C2] $13\frac{13}{20} = \frac{273}{20}$
C3] $6\frac{15}{28} = \frac{183}{28}$ C4] $7\frac{11}{12} = \frac{95}{12}$ C5] $10\frac{1}{15} = \frac{151}{15}$ C6] AB = 21 C7] AB
C8] x=10 C9] 528 C10] 572 C11] 10350 C12] 42 R12
C13] 187.58 C14] 772.596 C15] 785.862 C16] $2753.\ddot{3}$ C17] 30.155
C18] $\frac{17}{30}$ C19] $\frac{1}{8}$ C20] $\frac{23}{56}$

PS 2:

2] Straight angles 4] An obtuse angle = larger than 90° and smaller than 180° .
6] Equilateral polygon 8] Regular Polygon 10] a) Isosceles Triangle = 2 sides of equal length
b) Equilateral Triangle = all 3 sides equal length
c) Scalene Triangle = no sides equal length
12] 40 14] $\frac{31}{35}$ 16] $\frac{11}{15}$ 18] $6\frac{1}{2} = \frac{13}{2}$ 20] $13\frac{1}{10} = \frac{131}{10}$ 22] $15\frac{4}{15} = \frac{229}{15}$
24] $8\frac{2}{15} = \frac{122}{15}$ 26] $2\frac{5}{6} = \frac{17}{6}$ 28] $7\frac{5}{9} = \frac{68}{9}$ cm 30] $5\frac{8}{15} = \frac{83}{15}$

PS 3:

2] A. 60° 4] The sides opposite the angles of equal measure have equal measure
B. 60°
6] Trapezoid 8] 4 ft. 10] 8π m = 25.12 12] 80 in. 14] $26 + 3\pi \approx 35.425$
16] 35 18] $\frac{1}{6}$ 20] $7\frac{1}{4} = \frac{29}{4}$ 22] $21\frac{1}{2} = \frac{43}{2}$ 24] $13\frac{31}{56} = \frac{759}{56}$ 26] $11\frac{15}{16} = \frac{191}{16}$
28] $25\frac{15}{16} = \frac{415}{16}$ 30] $3\frac{1}{6} = \frac{19}{6}$ yds

PS 4:

2] A. Decimal system 4] A positive real number is any number that can be used
B. The Hindus of India a physical distance greater than zero.
C. 0,1,2,3,4,5,6,7,8,9 6] $20(2.54)$ cm
8] 50 cm 10] 16π in 12] 54 cm 14] $(24 + 4\pi)$ cm + 36.56 cm 16] 55 18] $13\frac{5}{8} = \frac{109}{8}$
20] $90\frac{5}{16} = \frac{1445}{16}$ 22] 30 24] $4\frac{20}{39} = \frac{176}{39}$ 26] 7.98209 28] 44 30] $5\frac{1}{2} = \frac{11}{2}$ km