

- 1a) 6.7 in
- b) 17.4 cm
- c) 90.8 ft
- d) 30.5 cm
- e) 15.1 ft
- f) 13.6 in

- 2a) Long Leg = 6.62 cm, Hyp = 7.64 cm
- b) Long Leg = 51.4 in, Hyp = 59.4 in
- c) Long Leg = 118 cm, Hyp = 136.4 cm
- d) Short Leg = 8.49 m, Hyp = 17.0 m
- e) Short Leg = 216 in, Hyp = 432 in
- f) Short Leg = 39.4 cm, Hyp = 78.8 cm
- g) Short Leg = 241 cm, Long Leg = 417 cm
- h) Short Leg = 5.65 in, Long Leg = 9.79 in
- i) Short Leg = 27.4 m, Long Leg = 47.4 m

- 3a) 102 cm^2
- b) 905 ft^2
- c) 1160 m^2

- 4) 35.2 m

- 5a) 320 m^2
- b) 21500 m^2

- 6) 305 cm