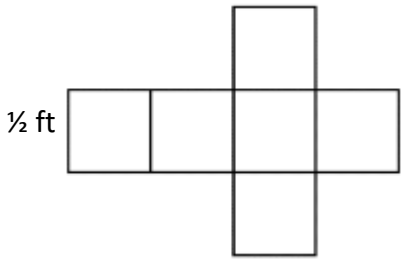
Name Date

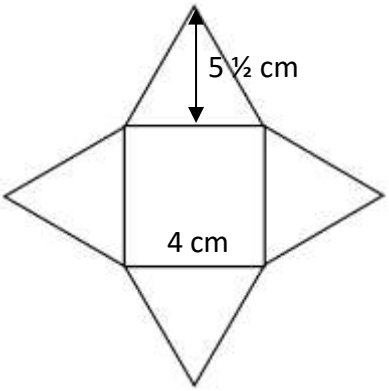
SURFACE AREA CUBES, PRISMS & PYRAMIDS 2

Find the surface areas of these shapes.

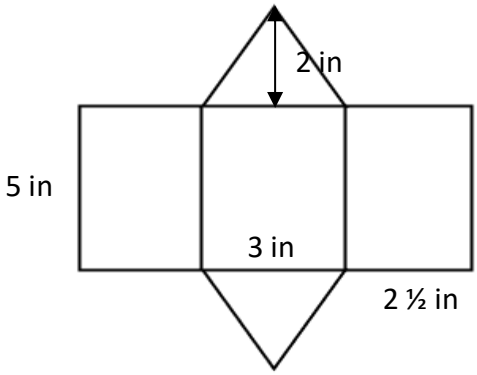
1) Surface area



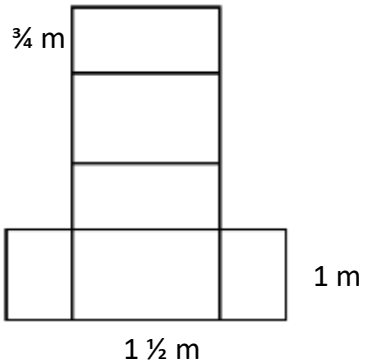
2) Surface area



3) Surface area



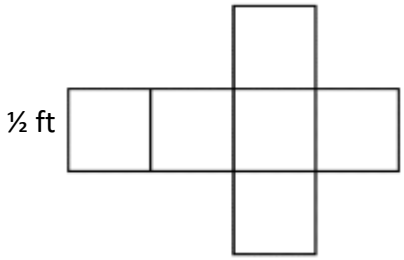
4) Surface area



Name Date

SURFACE AREA CUBES, PRISMS & PYRAMIDS 2 ANSWERS

1)

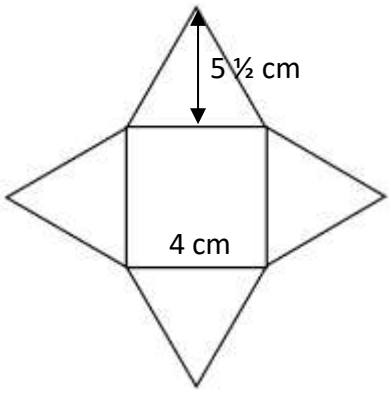


Surface area

Face: ½ x ½ = ¼ ft^2

Surface area = 6 x ¼ = 1 ½ ft^2

2)



Surface area

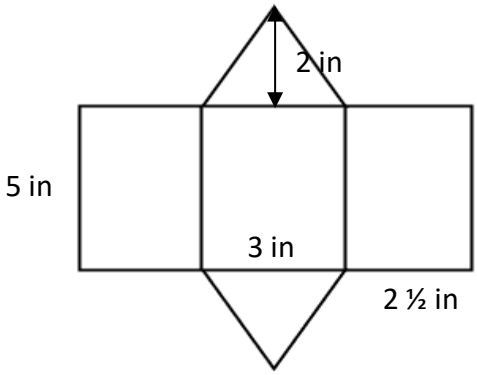
Square face: 4 x 4 = 16 cm^2

Triangular face = ½ x 4 x 5 ½ = 11 cm^2

Surface area = 16 + 4 x 11

= 16 + 44 = 60 cm^2

3)



Surface area

Face 1: 5 x 3 = 15 in^2

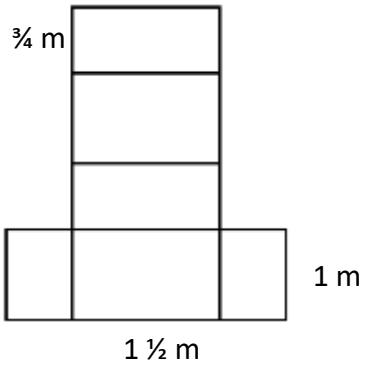
Face 2: 5 x 2 ½ = 12 ½ in^2

Face 3: ½ x 3 x 2 = 3 in^2

Surface area = 15 + 2 x 12 ½ + 2 x 3

= 15 + 25 + 6 = 46 in^2

4)



Surface area

Face 1: 1 ½ x 1 = 1 ½ m^2

Face 2: 1 ½ x ¾ = $^3/_2$ x $^3/_4$ = 1 ⅛ m^2

Face 3: ¾ x 1 = ¾ m^2

Surface area = 2 x 1 ½ + 2 x 1 ⅛ + 2 x ¾ = 3 + 2 ¼ + 1 ½ = 6 ¾ m^2