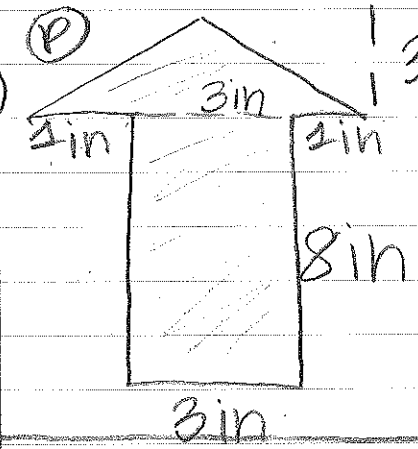
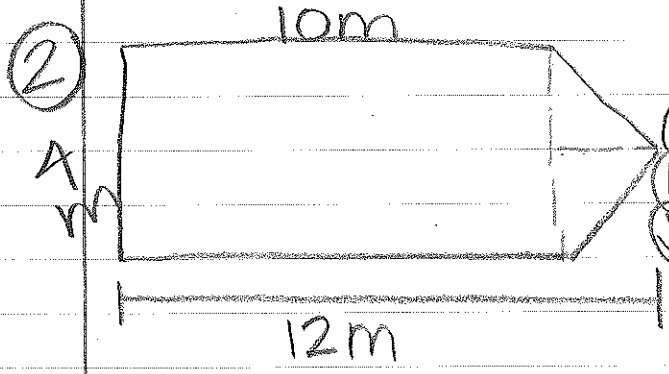
3/19

Composite Figures

1. 

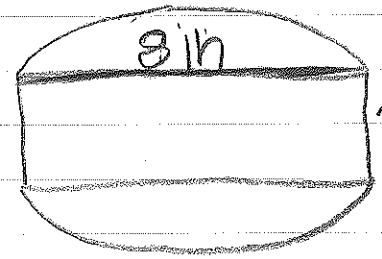
rectangle	triangle
F $A = bh$	F $A = \frac{1}{2}bh$
P $A = 3 \cdot 8$	P $A = \frac{1}{2} \cdot 5 \cdot 3$
S $A = 24 in^2$	S $A = 7.5 in^2$

Total Area = $31.5 in^2$

2. 

rectangle	triangle
F $A = bh$	F $A = \frac{1}{2}bh$
P $A = 10 \cdot 4$	P $A = \frac{1}{2} \cdot 4 \cdot 2$
S $A = 40 m^2$	S $A = 4 m^2$

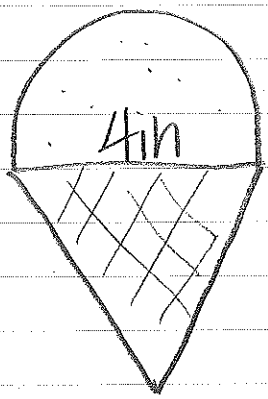
Total Area = $44 m^2$

3. 

$d = 8in$

rectangle	circle
F $A = bh$	F $A = \pi r^2$
P $A = 8 \cdot 2$	P $A = 3.14 \cdot 4^2$
S $A = 16 in^2$	S $A = 50.24 in^2$

Total Area: $66.24 in^2$

4. 

triangle	semi-circle
F $A = \frac{1}{2}bh$	F $A = \frac{\pi r^2}{2}$
P $A = \frac{1}{2} \cdot 4 \cdot 5$	P $A = \frac{3.14 \cdot 2^2}{2}$
S $A = 2 \cdot 5$	S $A = 6.28 in^2$
$A = 10 in^2$	

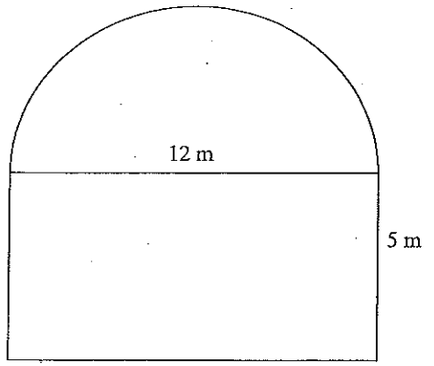
Total Area: $16.28 in^2$

Irregular Shapes

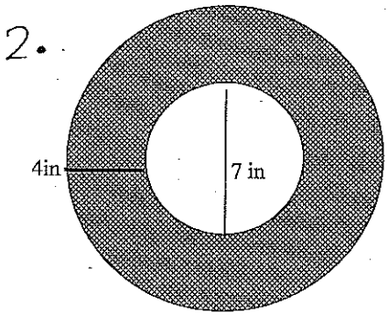
Area of a rectangle = bh

Area of a circle = πr^2

Area of a triangle = ½ bh

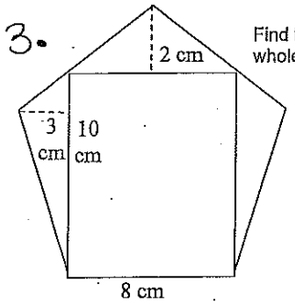


2.



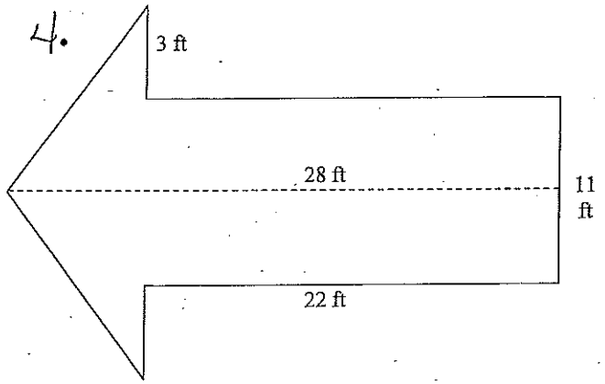
Find the area of the shaded section.

3.



Find the area of the whole pentagon (the rectangle is there to help)

4.



1. Semi circle rectangle

$A = \frac{\pi r^2}{2}$ $A = bh$

A = A =

A = + A = = Total Area

2. Shape 1: Big Shape 2: Little

A = A =

A = A =

A = − A = = Shaded Area

3. shape: shape 2: shape 3: shape 4:

A= A= A= A=

A= A= A= A=

A= A= A= A=

total area

4. shape 1 shape 2

A = A =

A = A =

A = A =

total area