Starburst 5 Grade 5 KEY   Area of Complex Shapes
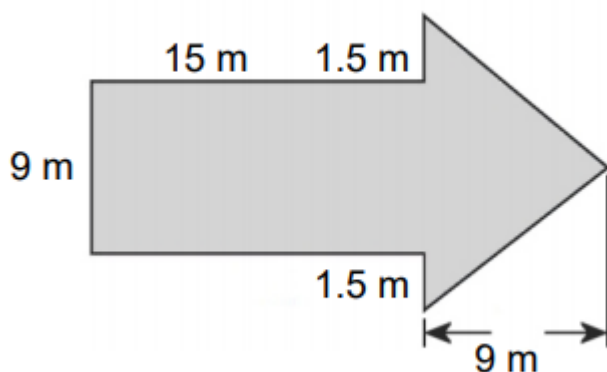
Name:

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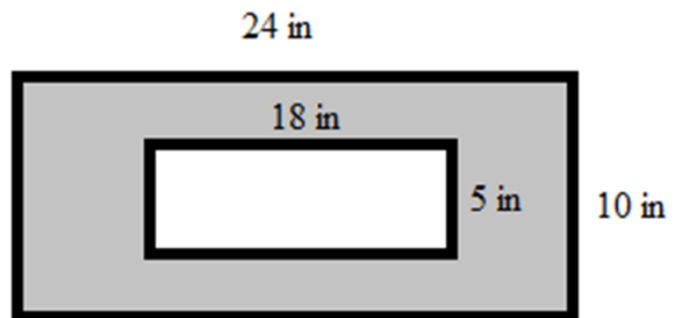
Find the area of the shaded figures.

15 m   1.5 m

9 m

1.5 m

9 m

135+ 54 = 189 square meters

24 in

18 in

5 in   10 in

240- 90 = 150 square inches

18 ft

9 ft

18 ft
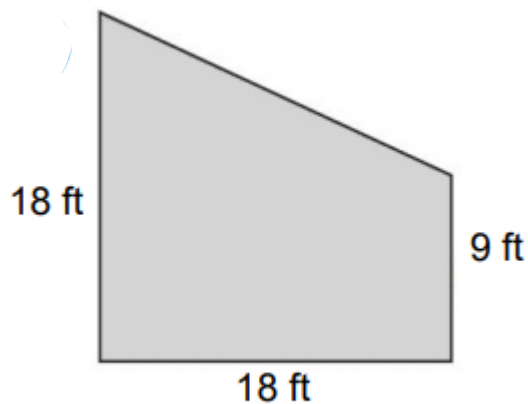
162 + 81 = 243 square feet

11 ft

6 ft

17 ft
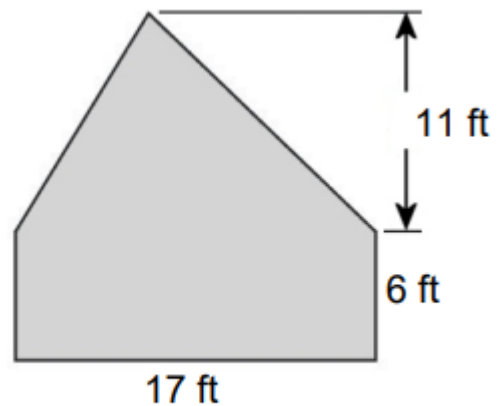
102 + 93.5 = 195.5 square feet

How many square units are the shaded figures?

A= L · W
A= 12 · 4
A= 48

A= B · H
A= 5 · 8
A= 40

A= L · W
A= 12 · 4
A= 48
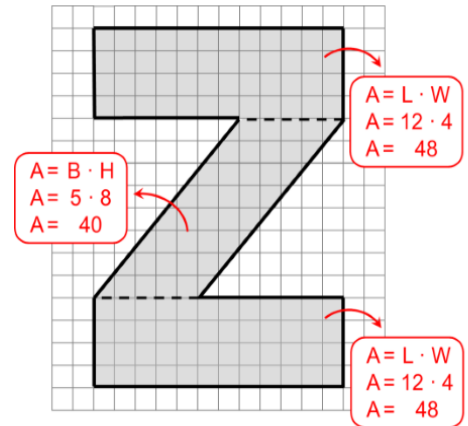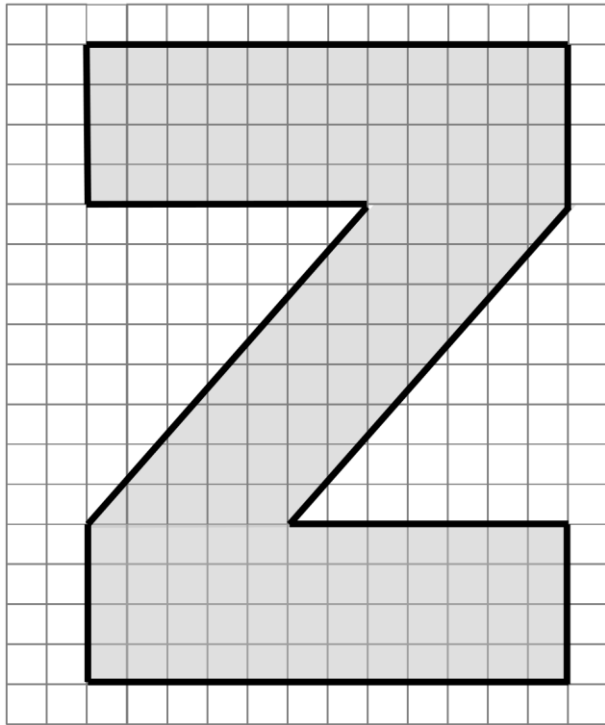
Total Area: 48 + 40 + 48
= 104 units^2

A= b · h
A= 5 · 4
A= 20

A= b · h
A= 5 · 4
A= 20

A= ½·(b$_1$ + b$_2$)·h
A= ½·(6 + 10)·4
A= ½·(16)·4
A= 8 · 4
A= 32

A= ½·(b$_1$ + b$_2$)·h
A= ½·(6 + 10)·4
A= ½·(16)·4
A= 8 · 4
A= 32

A= b · h
A= 5 · 4
A= 20

A= b · h
A= 5 · 4
A= 20
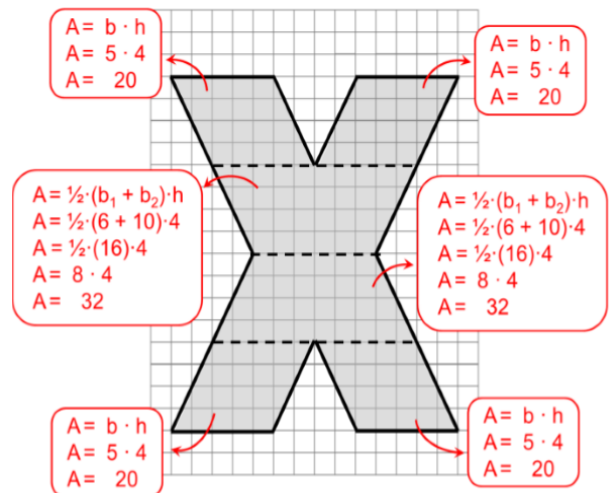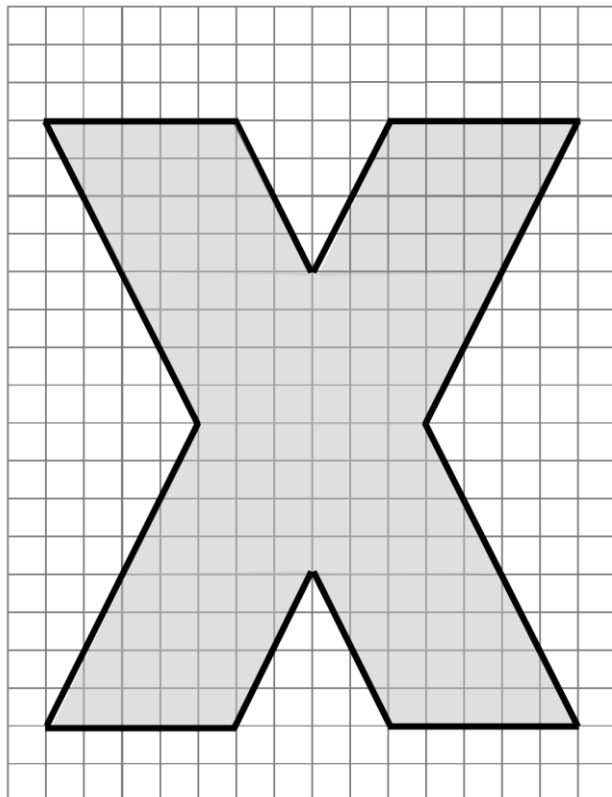
Total Area: 20 + 32 + 20 + 20 + 32 + 20
= 144 units^2