Name: _____

Volume of Composite Figures

This character has just been added to a video game.
Find the volume of this new digital hero.

a = _____   b = _____   c = _____

Volume of head and body:

_____ x _____ x _____ = _____ **pixels³**

a

40 pixels

50 pixels

25 pixels

Volume of left leg

_____ x _____ x _____ = _____ **pixels³**

Volume of right leg:

_____ x _____ x _____ = _____ **pixels³**

75 pixels

50 pixels

20 pixels

20 pixels

100 pixels

Volume of the character:

_____ + _____ + _____ + _____ + _____ = _____ **pixels³**
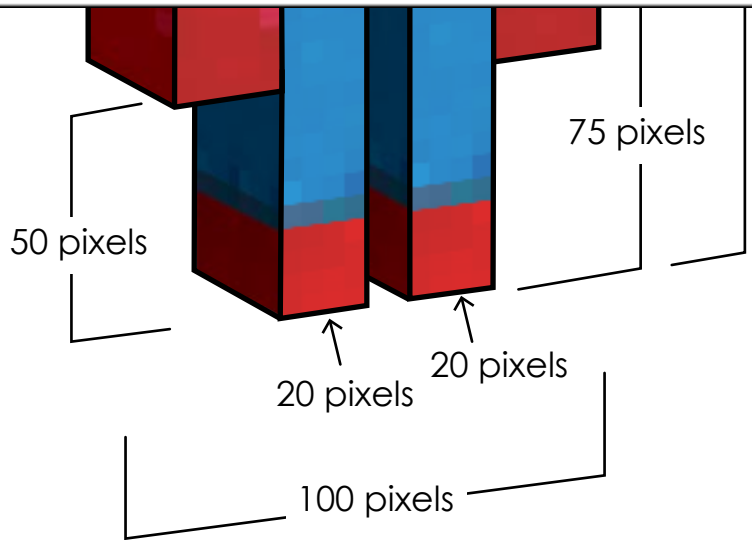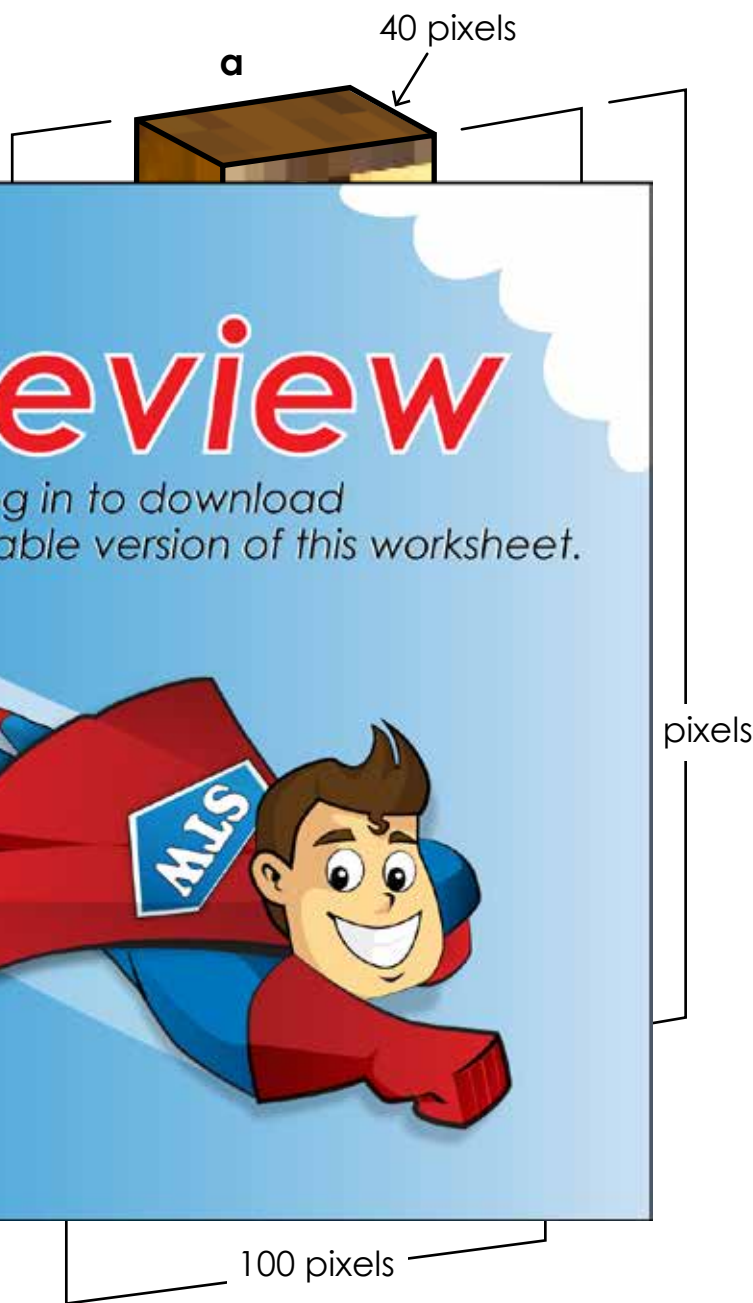
Volume of Composite Figures

This character has just been added to a video game.
Find the volume of this new digital hero.

40 pixels

a

a = _50_   b = _100_   c = _125_

Vol

40

Vol

25

Vol

25

Vol

20

Vol

20

pixels

100 pixels

Volume of the character:

_250,000_ + _100,000_ + _100,000_ + _60,000_ + _60,000_ = _570,000_ **pixels³**