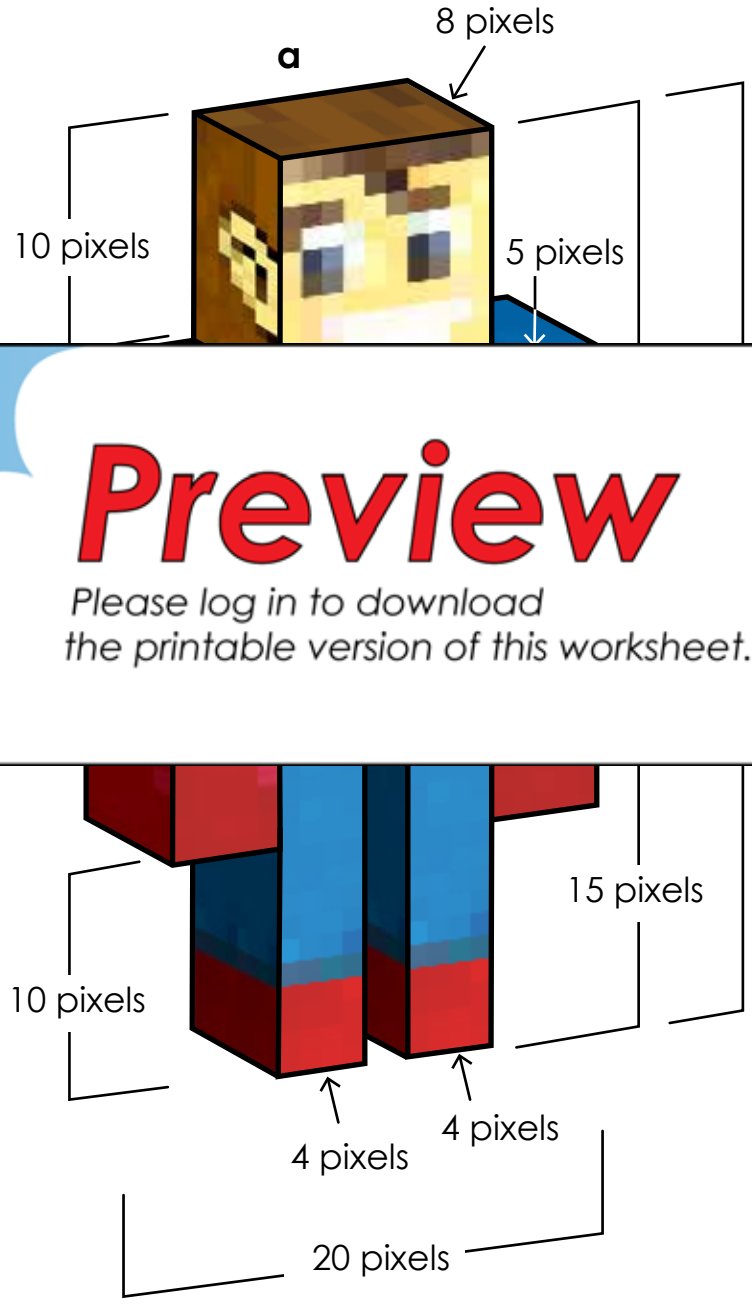
Name: _____

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

Volume of left leg

____ x ____ x ____ = _____ pixels³

Volume of right leg:

____ x ____ x ____ = _____ pixels³

Volume of the character:

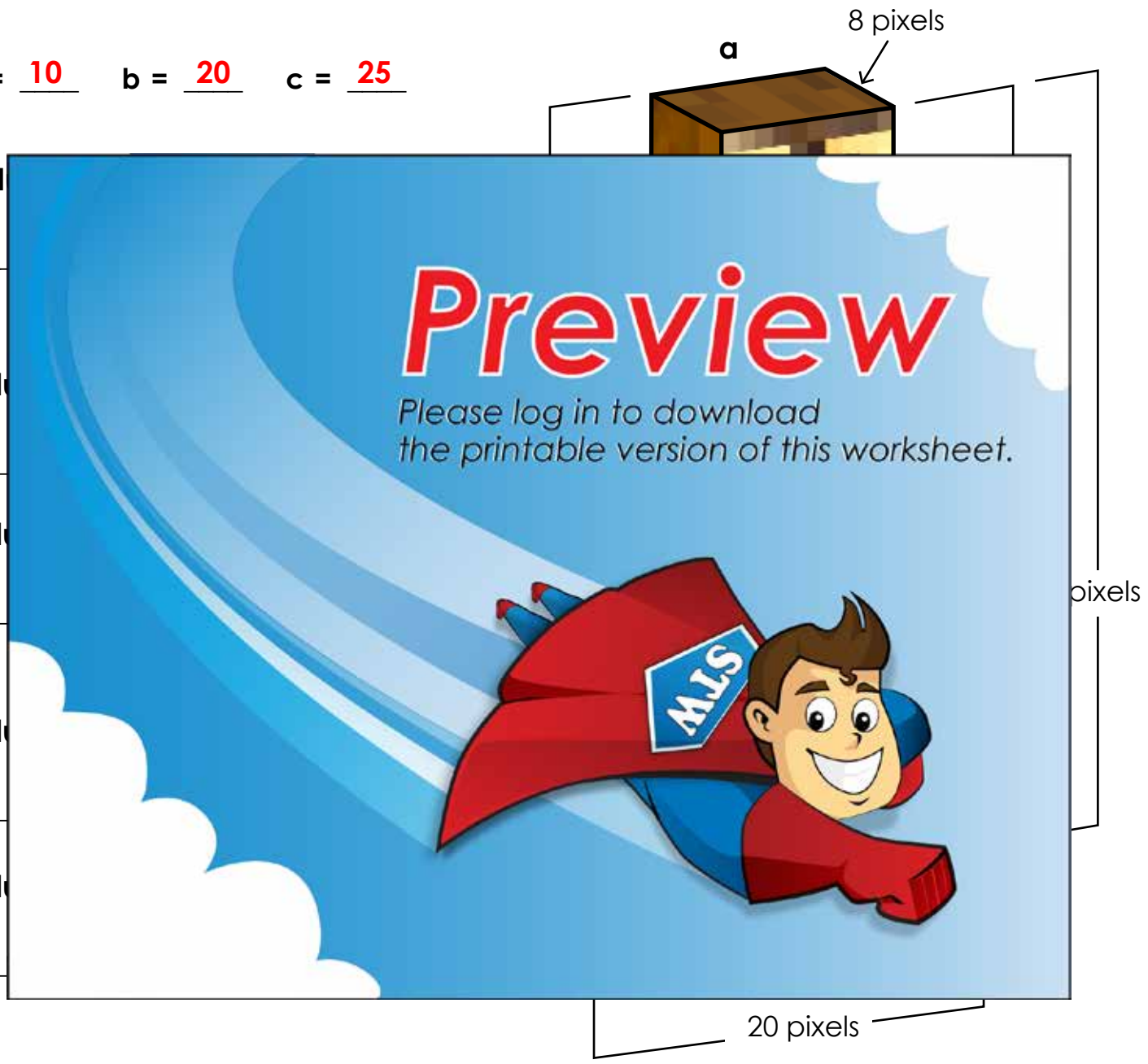
_____ + _____ + _____ + _____ + _____ = _____ pixels³

ANSWER KEY

Volume of Composite Figures

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

a = 10 b = 20 c = 25



Vol
8

Vol
5

Vol
5

Vol
4

Vol
4

Volume of the character:

2,000 + 800 + 800 + 480 + 480 = 4,560 **pixels^3**