

ANSWER PRESENTATION TOOL

Green - Student Edition

4

Quiz 1

1-8

ALL EVEN

Show Solu

ODD

$$\begin{aligned} 1. \quad A &= bh \\ &= 7(2) \\ &= 14 \end{aligned}$$

The area of the parallelogram is 14 square centimeters.

$$\begin{aligned} 2. \quad A &= bh \\ &= 70(85) \\ &= 5950 \end{aligned}$$

The area of the parallelogram is 5950 square inches.

$$\begin{aligned} 3. \quad A &= bh \\ &= 16(24) \\ &= 384 \end{aligned}$$

The area of the parallelogram is 384 square yards.

$$\begin{aligned} 4. \quad A &= bh \\ &= 21(42) \\ &= 882 \end{aligned}$$

The area of the parallelogram is 882 square miles.

$$\begin{aligned} 5. \quad A &= \frac{1}{2}bh \\ &= \frac{1}{2}(8)(7) \\ &= \frac{1}{2}(56) \\ &= 28 \end{aligned}$$

The area of the triangle is 28 square centimeters.

$$\begin{aligned} 6. \quad A &= \frac{1}{2}bh \\ &= \frac{1}{2}(13)(12) \\ &= \frac{1}{2}(156) \\ &= 78 \end{aligned}$$

The area of the triangle is 78 square meters.

$$\begin{aligned} 7. \quad A &= \frac{1}{2}bh \\ &= \frac{1}{2}(6)(3) \\ &= \frac{1}{2}(18) \\ &= 9 \end{aligned}$$

The area of the land that the conservation group buys is 9 square miles.

$$\begin{aligned} \mathbf{8.} \quad \mathbf{Minimum} & \quad \mathbf{Area} & \quad \mathbf{Area\ of} \\ \mathbf{number\ of\ sheets} & = \mathbf{inside\ frame} \div \mathbf{one\ sheet} \\ & = \frac{1}{2}(24)(8) & \div 8(4) \\ & = 96 & \div 32 \\ & = 3 \end{aligned}$$

The minimum number of sheets needed to cover the frame is 3 sheets.