

EXAMPLE PROBLEMS

Math:

$10 \frac{1}{4}$
-4 $\frac{3}{4}$

$7865.41 + 18.7 =$

$\frac{5}{8} \times \frac{2}{3} =$

5962.01
X 6.2

$\frac{1}{2} \div \frac{1}{3} =$

Change 45% to a fraction _____

Change 45% to a decimal _____

Change $\frac{7}{8}$ to a decimal _____

The distance from New York to San Francisco is 5400 miles by way of the Panama Canal. This is 60% of the distance by way of the Strait of Magellan. How far is it by way of the Strait of Magellan?

Mechanical Ability:

In this example to the right, two men are pushing safes on wagons. Which man has better control?

Note that the man in picture "A" has the shorter wagon tongue, thus he has better control

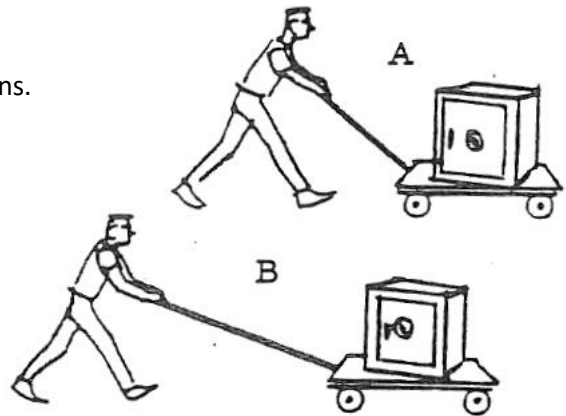


Figure Visualization:

Directions: To the left of the four solid figures in the example you will see a two-dimensional pattern. You are to determine which shape is obtained when the two-dimensional pattern is folded into a three-dimensional pattern.

