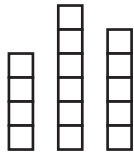
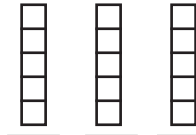


Calculating averages



These 3 stacks of blocks are made up of a total of 15 blocks. Can you rearrange the blocks so that all 3 stacks are the same height?



The answer is yes. Each stack would have 5 blocks. 5 blocks is the average height of 3 stacks that are 4, 6 and 5 high.

Rearrange each group so that each stack has the same number of blocks.

① average = 3

② average = _____

③ average = _____

Averaging can also be computed by dividing the total number of units by the number of groups.

Problem 1 - 12 blocks ÷ 4 groups = an average of 3 in each group

Problem 2 - 10 blocks ÷ 2 groups = an average of 5 in each group

Problem 3 - 15 blocks ÷ 5 groups = an average of 3 in each group

④ Three birds weigh 4, 6 and 5 ounces. What is their average weight?

$$\begin{array}{r} 4 \\ 6 \\ + 5 \\ \hline 15 \end{array}$$
5 ounces

⑤ Four dogs weigh a total of 20 pounds. What is their average weight?

$$4 \overline{)20}$$
5 pounds

⑥ Five boxes weigh an average of 2 kg. What is their total weight?

$$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$$
10 kg

Basic Fact Practice

12 $\overline{)108}$ 6 $\overline{)54}$ 8 $\overline{)72}$ 7 $\overline{)42}$ 9 $\overline{)63}$ 7 $\overline{)56}$ 11 $\overline{)132}$ 9 $\overline{)81}$

A 18.12

$$\begin{array}{r} .05 \\ 3 \\ .84 \\ + 2.57 \\ \hline \end{array}$$

$$\begin{array}{r} 8.74 \\ - 2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 4.97 \\ .6 \\ + .05 \\ \hline \end{array}$$

B $3 \frac{4}{5}$

$$\begin{array}{r} \frac{4}{5} \\ + \frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{5} \\ + \frac{4}{5} \\ \hline \end{array}$$

C 10,130

4 tons = _____ pounds

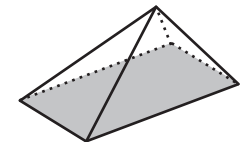
3 meters 257 centimeters = _____ centimeters

1 kilogram 573 grams = _____ grams

Clyde drove 7 hours at a speed of 63 km per hour. How far did he drive?

Poncho studies his vocabulary words for 15 minutes every night. How long did he study in December?

A rectangular pyramid has _____ flat faces.



D 911