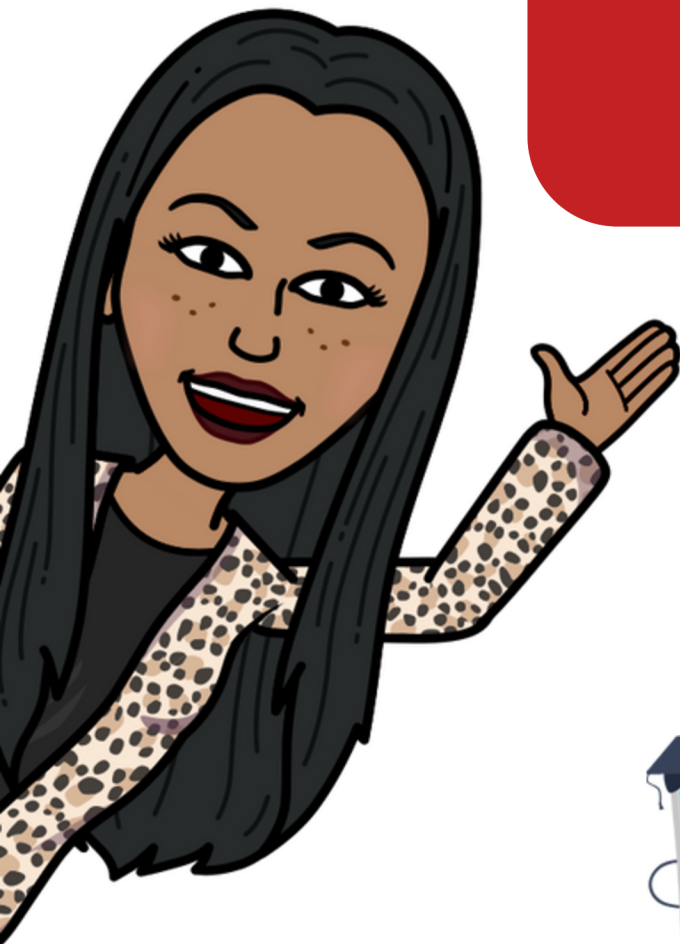


ARITHMETIC ACADEMY

YEAR 6 SATs practice



ARITHMETIC ACADEMY

YEAR 6 ADDITION

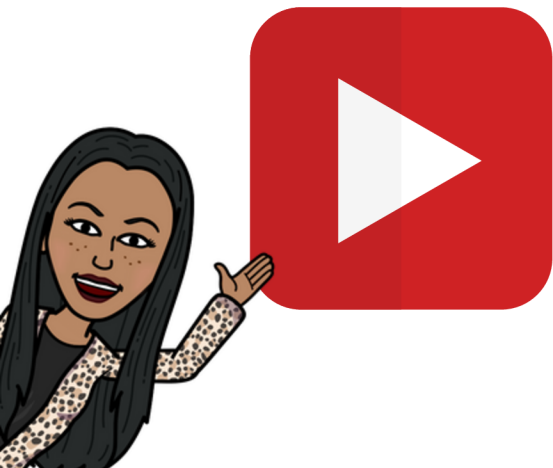
$3328 + 519 =$

$4178 + 3245 =$

$3.8 + 0.4 =$

$4.3 + 0.625 =$

$640 + \boxed{} = 945$



YEAR 6 SUBTRACTION

$$6048 - 3824 =$$

$$8.3 - 0.15 =$$

$$615 - \quad = 278$$



ORDER OF OPERATIONS

$$6^2 =$$

$4^3 =$

$$3 \times (2 + 6) =$$

$$36 - 5 \times 2 =$$

$$20 + 100 \div 5 =$$



ARITHMETIC

ACADEMY

YEAR 6 MULTIPLICATION

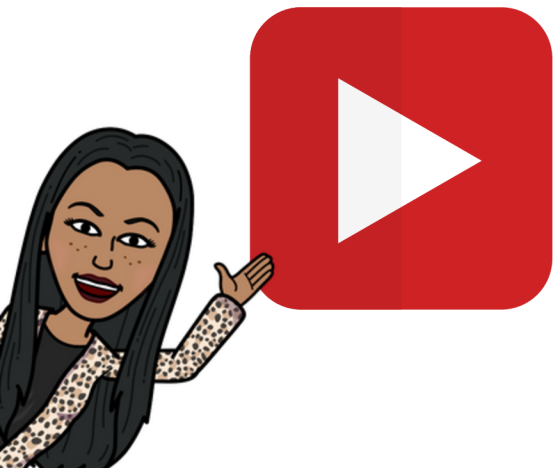
$5 \times 3 \times 8 =$

$300 \times 0.6 =$

$619 \times 4 =$

$358 \times 32 =$

$32 \times 2.5 =$



YEAR 6 DIVISION

$$32 \div 100 =$$

$$96 \div 6 =$$

$$490 \div 70 =$$

$$2556 \div 12 =$$

$$7426 \div 47 =$$



CALCULATING PERCENTAGES

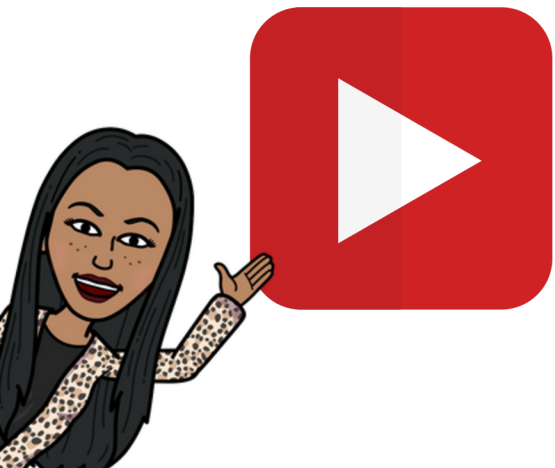
25% of 300 =

A full-page view of a blank sheet of graph paper. The grid consists of small squares formed by thin blue lines. There are 10 columns and 8 rows of squares visible on the page. The margins are consistent with the previous image.

32% of 150 =

[illegible]
$$49\% \times 200 =$$
[illegible]
$$86\% \times 50 =$$

99% of 20 =

[illegible]

ARITHMETIC ACADEMY

YEAR 6 ADDITION

$$3328 + 519 = 3847$$

$$\begin{array}{r} 3328 \\ + 519 \\ \hline 3847 \end{array}$$

$$4.3 + 0.625 = 4.925$$

$$\begin{array}{r} 4.300 \\ + 0.625 \\ \hline 4.925 \end{array}$$

ANSWERS

$$4178 + 3245 =$$

$$\begin{array}{r} 4178 \\ + 3245 \\ \hline 7423 \end{array}$$

$$3.8 + 0.4 = 4.2$$

$$\begin{array}{r} 3.8 \\ + 0.4 \\ \hline 4.2 \end{array}$$

$$640 + 305 = 945$$

$$640 + 300 = 940$$

$$940 + 5 = 945$$

$$\text{or } 945 - 640 =$$



YEAR 6 SUBTRACTION

$$6048 - 3824 = 2260$$

$\begin{array}{r} 6084 \\ 3824 \\ \hline 2260 \end{array}$

5 8
6 1 9 2
5 2 7
5 6 6 5

$$\begin{array}{r} 5.8 \\ 0.6 \\ \hline 5.2 \end{array}$$

$$\begin{array}{r} 8.30 \\ 6.15 \\ 8.15 \end{array}$$

$$\begin{array}{r} 5615 \\ - 278 \\ \hline 337 \end{array}$$

$$\begin{array}{r} 5615 \\ - 337 \\ \hline 278 \end{array}$$

ARITHMETIC ACADEMY

ORDER OF OPERATIONS

$$4^3 = 64$$

$$4 \times 4 \times 4 =$$

$$16 \times 4 = 64$$

$$36 - 5 \times 2 = 26$$

$$36 - 10 = 26$$

ANSWERS

$$6^2 = 36$$

$$6 \times 6 = 36$$

$$3 \times (2 + 6) = 24$$

$$3 \times 8 = 24$$

$$20 + 100 \div 5 = 40$$

$$20 + 20 = 40$$



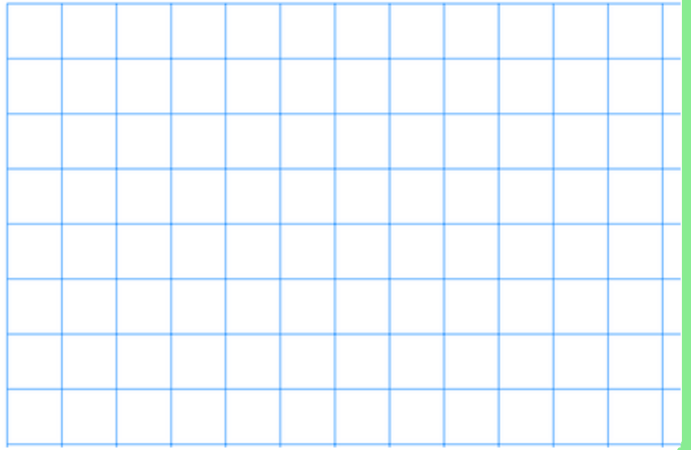
ARITHMETIC

ACADEMY

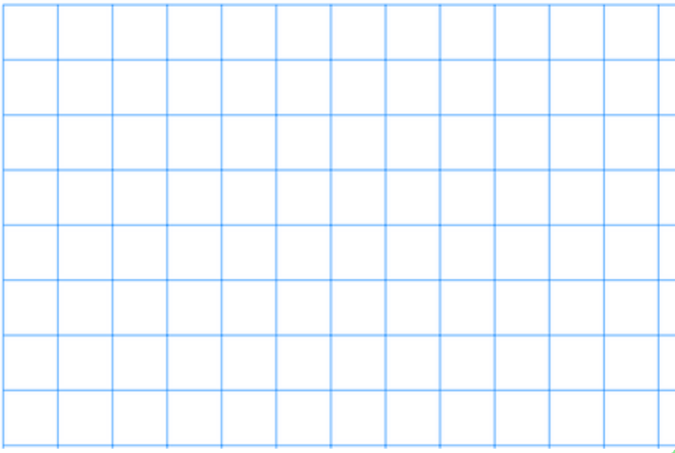
YEAR 6 MULTIPLICATION

ANSWERS

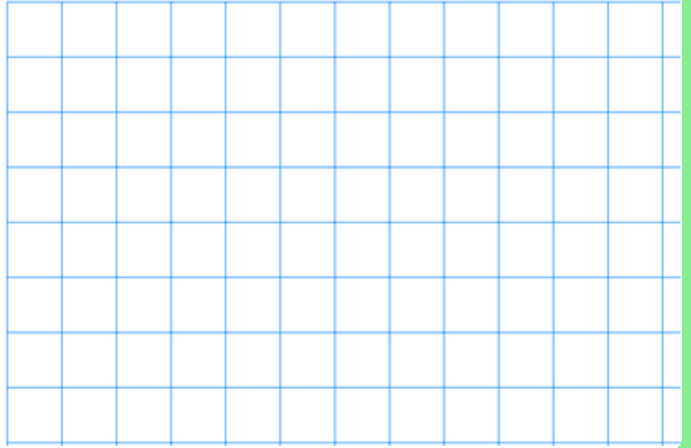
$$300 \times 0.6 = 180$$



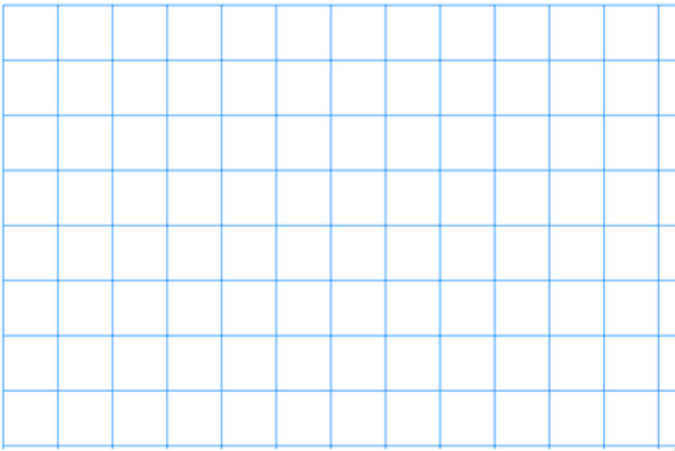
$$5 \times 3 \times 8 = 120$$



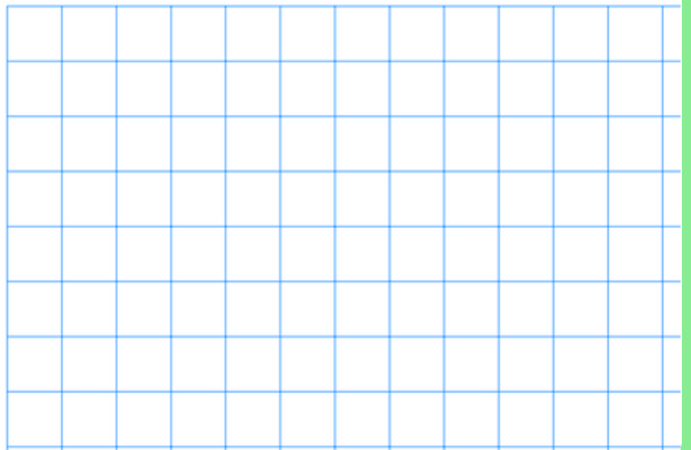
$$619 \times 4 = 2476$$



$$358 \times 32 = 11,456$$



$$32 \times 2.5 = 80$$



ARITHMETIC ACADEMY

YEAR 6 DIVISION

ANSWERS

$$96 \div 6 = 16$$

$$32 \div 100 = 0.32$$

$$490 \div 70 = 7$$

$$2556 \div 12 = 213$$

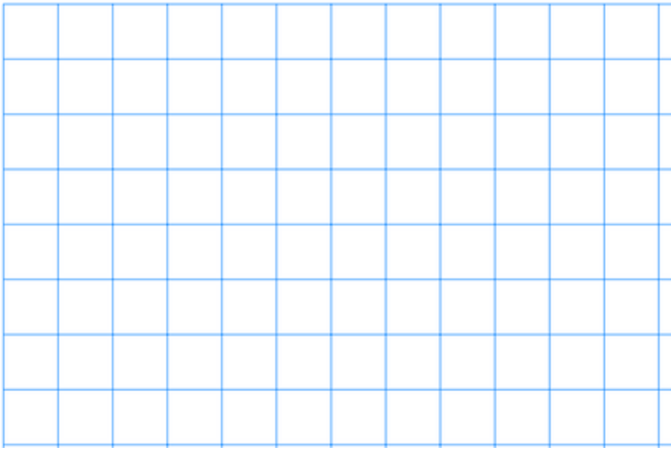
$$7426 \div 47 = 158$$

ARITHMETIC ACADEMY

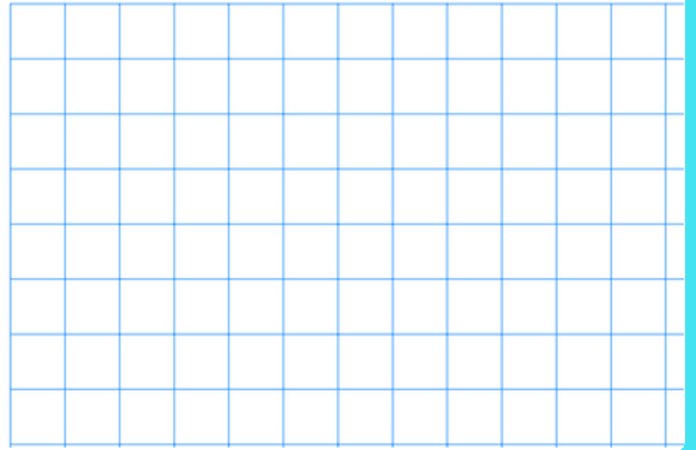
CALCULATING PERCENTAGES

ANSWERS

$$32\% \text{ of } 150 = 48$$



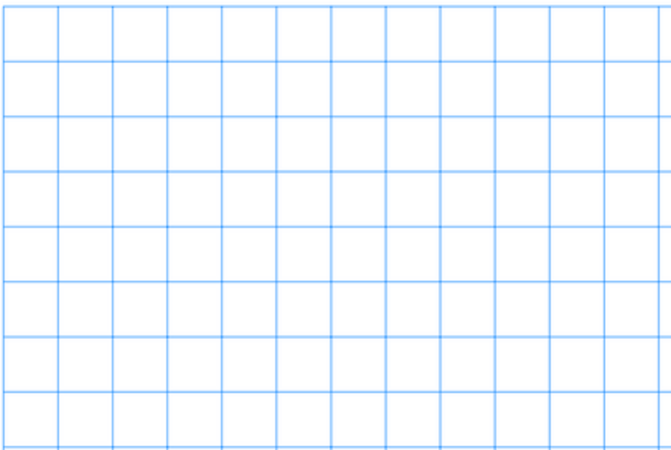
$$25\% \text{ of } 300 = 75$$



$$49\% \times 200 = 98$$



$$86\% \times 50 = 43$$



$$99\% \text{ of } 20 = 19.8$$

