Lesson 3

Can I multiply using a formal method?
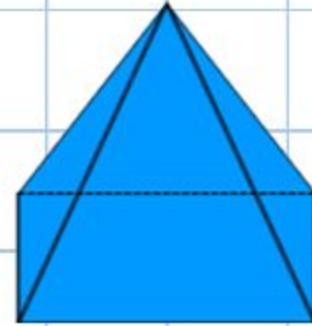
Fast 5
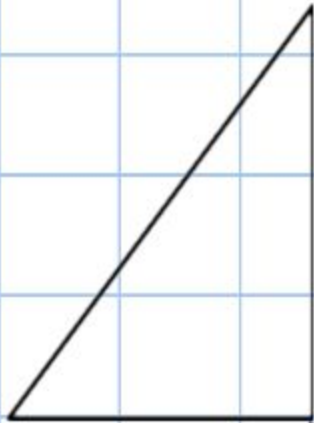
$$47 + 25$$

$$45 - 27$$

Name the angle

How many faces?

What fraction is shaded?

Fast 5

$$4\ 7$$
$$+\ 2\ 5$$
$$\overline{\quad\ 7\ 2}$$
$$1$$
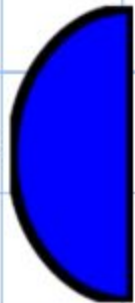
Name the angle **Right angle**

$$^3 4\,|5$$
$$-\ 2\ 7$$
$$\overline{\quad 1\ \ 8}$$
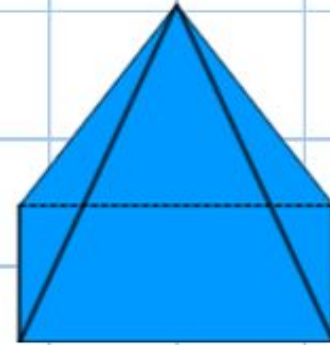
How many faces? **5**

What fraction is shaded? **½**
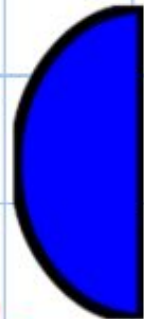
$$\begin{array}{r} 23 \\ \times\ 3 \\ \hline 9 \\ \hline \end{array}$$

First multiply the ones:

3×3 = 9

$$
\begin{array}{r}
2\ 3 \\
\times\ \ 3 \\
\hline
6\ 9 \\
\hline
\end{array}
$$

Then multiply 2 by 3

2×3 =   6

Practice Questions

$$
\begin{array}{r}
2\ 4 \\
\times\ 2 \\
\hline
\\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
2\,4 \\
\times\ 2 \\
\hline
4\,8 \\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
1\,2 \\
\times \quad 4 \\
\hline
\\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
1\ 2 \\
\times\quad 4 \\
\hline
4\ 8 \\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
3\ 2 \\
\times\ \ 3 \\
\hline
\\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
3\,2 \\
\times\quad 3 \\
\hline
9\,6 \\
\hline
\end{array}
$$

However, sometimes we need to regroup the numbers.

$$\begin{array}{r} 2\;6 \\ \times\quad 4 \\ \hline 4 \\ \hline 2\quad\; \end{array}$$

First multiply the ones:

6×4 =   24

Regroup any tens.

$$\begin{array}{r} 2\;6 \\ \times\quad 4 \\ \hline 10\;4 \\ \hline 2 \end{array}$$

Then multiply 2 by 4

2×4 =   8

Add any regrouped numbers:

8 + 2 = 10

26×4 = 104

Practice Questions

$$
\begin{array}{r}
2\ 4 \\
\times\ \ 4 \\
\hline
\\
\hline
\end{array}
$$

Practice Questions

$$\begin{array}{r} 2\,4 \\ \times \quad 4 \\ \hline 9\,6 \\ \hline 1 \end{array}$$

Practice Questions

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

Practice Questions

$$
\begin{array}{r}
2\,2 \\
\times\quad 5 \\
\hline
1\,1\,0 \\
\hline
1
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
1\ 8 \\
\times\ \ 5 \\
\hline
\\
\hline
\end{array}
$$

Practice Questions

$$
\begin{array}{r}
1\ 8 \\
\times\ \ 5 \\
\hline
9\ 0 \\
\hline
4
\end{array}
$$