



Angles that meet on a straight line add


When two straight lines cross, the opposite angle are the same.
Angles in a triangle add


Angles around a full turn add up to $360^{\circ}$


Multiplying fractions by whole numbers

$$
\frac{3}{5} \times 3
$$

Multiply the numerator

$$
\frac{3}{5} \times 3=\frac{9}{5} \text { or } 1 \frac{4}{5}
$$

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$\vdots$
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1. Find a common denominator.

| 4 | 8 | 12 | 16 | 20 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 10 | 15 | 20 | 25 | 30 |

2. Convert the fractions so they are both over the same denominator If you multiply the denominator, you must multiply the numerator.

$$
\frac{3}{5}=\frac{12}{20}
$$

$$
\frac{1}{4}=\frac{5}{20}[
$$

3. Using the converted fractions, complete calculation.

$$
\frac{12}{20}-\frac{5}{20}=\frac{7}{20}
$$

| Dividing fractions by whole numbers |  |
| :--- | :--- |
| If you can, divide the numerator. | $\frac{2}{5} \div ?=\frac{1}{5}$ |
| $\frac{1}{5} \div 2$ |  |
| $\frac{1}{5}=\frac{2}{10}$ | $\frac{2}{10} \div 2=\frac{1}{10}$ |

$$
3 \times \frac{1}{3}=\frac{13}{3}
$$





