



Solve equations involving fractions

- 1** Multiply these fractions (don't simplify the answer)

$$\frac{4}{6} \times \frac{3}{5}$$

A $\frac{7}{30}$	B $\frac{7}{6}$	C $\frac{12}{30}$
D $\frac{20}{18}$	E $\frac{7}{11}$	F $\frac{7}{5}$

- 2** What lowest common denominator would you use to subtract these fractions?

$$\frac{1}{3} - \frac{1}{7}$$

A 17	B 21	C 9
D 27	E 31	F 23

- 3** Set up this fraction addition problem correctly

$$1\frac{1}{2} + \frac{1}{3}$$

A $1\frac{2}{4} + \frac{1}{4}$	B $1\frac{3}{6} + \frac{2}{6}$
C $1\frac{3}{6} + \frac{4}{6}$	

- 4** Add these fractions and simplify the answer

$$3\frac{1}{2} + \frac{1}{3}$$

A 4	B $3\frac{5}{6}$	C $1\frac{2}{3}$
D $4\frac{1}{2}$	E $\frac{1}{2}$	F $1\frac{1}{2}$

- 5** Find the fraction that makes this equation correct

$$\frac{1}{2} - \text{---} = \frac{3}{10}$$

A $\frac{2}{11}$	B $\frac{1}{5}$	C $\frac{2}{5}$
D $\frac{1}{10}$	E 2	F 1

- 6** Solve for the variable in the equation

$$4p - 5 = 11 - 4p$$

A $p = 3$	B $p = -1$
C $p = 5$	D $p = 1$
E $p = 4$	F $p = 2$

- 7** Solve for the variable in the equation

$$2c = 35 - 3c$$

A $c = 6$	B $c = 9$
C $c = 4$	D $c = 5$
E $c = 7$	F $c = 8$

- 8** Solve for the variable in the equation

$$3y = 15 - 2y$$

A $y = 1$	B $y = 4$
C $y = 0$	D $y = 2$
E $y = 3$	F $y = 6$



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9

Solve for the variable in the equation

$$\frac{4n}{6} = 6$$

- | | |
|------------|------------|
| A $n = 11$ | B $n = 10$ |
| C $n = 9$ | D $n = 6$ |
| E $n = 7$ | F $n = 8$ |

10

Solve for the variable in the equation

$$7n = 32 - 9n$$

- | | |
|-----------|------------|
| A $n = 0$ | B $n = 1$ |
| C $n = 3$ | D $n = 2$ |
| E $n = 4$ | F $n = -1$ |

11

Solve for the variable in the equation

$$5d = 39 - 8d$$

- | | |
|-----------|-----------|
| A $d = 4$ | B $d = 2$ |
| C $d = 0$ | D $d = 6$ |
| E $d = 3$ | F $d = 5$ |

12

Solve for the variable in the equation

$$\frac{9z}{6} = 9$$

- | | |
|-----------|-----------|
| A $z = 5$ | B $z = 3$ |
| C $z = 6$ | D $z = 7$ |
| E $z = 4$ | F $z = 9$ |