

Examples:

P ✓ ① $10 \div (5-3)$

D ✓ $10 \div (2)$

$\boxed{5}$

$\begin{array}{r} 417 \\ \times 6 \\ \hline 102 \end{array}$

P
D

② $\frac{2}{3} \div \left(3\frac{2}{5} - \frac{11}{6} \right)$

$\frac{2}{3} \div \left(\frac{17 \cdot 6}{5 \cdot 6} - \frac{11 \cdot 5}{6 \cdot 5} \right)$

$\frac{2}{3} \div \left(\frac{102}{30} - \frac{55}{30} \right)$

$\frac{2}{3} \div \left(\frac{47}{30} \right)$

↓ ↓ ↓

$\frac{2}{1} \cdot \frac{30}{47}$

$\boxed{\frac{20}{47}}$

$\begin{array}{r} 9 \\ 102 \\ -55 \\ \hline 47 \end{array}$

③ $6 + 5 \cdot 2 - 5 - 4$
 M ✓ $6 + 10 - 5 - 4$
 A ✓ $16 - 5 - 4$
 S ✓ $11 - 4$
 7

Order of Operations

Bracket
 Parentheses (groupings) ← Braces

Exponents and square roots

← Multiplication OR Division → which ever comes 1st
 L → R

← Add OR Subtract → which ever comes 1st
 L → R

You Try!

D $5 \div (4+1)$

PV $5 \div (5)$

1

OneProv

AS

(2) $1\frac{5}{6} + \frac{1}{2} - \frac{4}{5}$

$$\frac{11.5}{6.5} + \frac{1.5}{2.5} - \frac{4.6}{5.6}$$

$$\frac{55}{30} + \frac{15}{30} - \frac{24}{30}$$

(3) $(6-2)(1+5+3)$

(4) $18 \div [(2-1) \cdot 3 + 6-6]$

Inside P
Outside P
D
S
A
M

(5) $4^2 + (16 \div 4 + 2) \cdot 5$

P
E
M
A

↓
4.4

↓
16

↓
 $16 + (4 + 2) \cdot 5$