

- 1.) What is 81% of 146 118.26
- 2.) What percentage of 725 is 644? 88.83%
- 3.) 35 is 47% of what number? 74.47
- 4.) 314 is what percentage of 1234? 25.44%
- 5.) 20 is 4.3% of what number? 465.12

$$\textcircled{1} \quad -21 + x = -54$$

$$x = -33$$

$$\textcircled{2} \quad -\frac{x}{3} = -27$$

$$x = 81$$

$$\textcircled{3} \quad -x = -120$$

$$x = 120$$

$$\textcircled{4} \quad 24 = 57 + x$$

$$x = -33$$

$$\textcircled{5} \quad -4\frac{1}{5}x = 135$$

$$x = -32\frac{1}{7}$$

$$x = -32.14$$

$$\textcircled{1} \quad -6^2 \div 2 \cdot 3 + 3 - 4 \cdot 2$$

$$= \boxed{-59}$$

$$\textcircled{2} \quad \frac{(-2)^2 \cdot 10 - 4}{\sqrt{16} + 5}$$

Rational (R) or Irrational (I)

$$\textcircled{3} \quad \sqrt{105} \quad \mathbf{I}$$

$$\textcircled{5} \quad 4\pi \quad \mathbf{I}$$

$$\textcircled{4} \quad -8 \quad \mathbf{R}$$

$$\textcircled{6} \quad \frac{11}{7} \quad \mathbf{R}$$