



# 計算の工夫



工夫して計算してみよう

$$\textcircled{1} 11 \times 1.35 + 1.9 \times 13.5$$

$$= 11 \times 1.35 + 19 \times 1.35$$

$$= (11 + 19) \times 1.35$$

$$= 40.5$$

$$\textcircled{2} 1.5 \times 4.5 + 5 \times 0.45 - 1.1 \times 0.9$$

$$= 1.5 \times 4.5 + 0.5 \times 4.5 - 1.1 \times 2 \times 0.45$$

$$= 1.5 \times 4.5 + 0.5 \times 4.5 - 0.11 \times 2 \times 4.5$$

$$= (1.5 + 0.5 - 0.22) \times 4.5 = 8.01$$

$$\textcircled{3} 20.24 \times 50 + 40.48 \times 25$$

$$= 20.24 \times 50 + 20.24 \times 2 \times 25$$

$$= (50 + 50) \times 20.24$$

$$= 2024$$

$$\textcircled{4} 4 \times 4 \times 3.14 - 3 \times 3 \times 3.14$$

$$= (16 - 9) \times 3.14$$

$$= 21.98$$

$$\textcircled{5} 13 \times 1.25 + 1.2 \times 12.5$$

$$= 13 \times 1.25 + 12 \times 1.25$$

$$= (13 + 12) \times 1.25$$

$$= 31.25$$

$$\textcircled{6} 2.5 \times 4.6 + 5 \times 0.46 - 1.1 \times 0.92$$

$$= 2.5 \times 4.6 + 0.5 \times 4.6 - 0.11 \times 2 \times 4.6$$

$$= (2.5 + 0.5 - 0.22) \times 4.6$$

$$= 12.788$$

$$\textcircled{7} 20.23 \times 20 + 40.46 \times 40$$

$$= 20.23 \times 20 + 20.23 \times 2 \times 40$$

$$= (20 + 80) \times 20.23$$

$$= 2023$$

$$\textcircled{8} 4 \times 4 \times 3.14 - 3 \times 3 \times 3.14 + 0.9 \times 31.4$$

$$= (16 - 9 + 9) \times 3.14$$

$$= 50.24$$