

7

計算のきまり (小数)

解答と解説

解答

①

- (1) 0.3
- (2) 2.7
- (3) 2.3
- (4) 1.7
- (5) 2.6
- (6) 2.3
- (7) ア 0.3
イ 0.3
- (8) ア 2.6
イ 2.6
- (9) ア 3.64
イ 5.2
- (10) ア 0.9
イ 2.7

②

- (1) 12.7
- (2) 13.9
- (3) 51.2
- (4) 4.7
- (5) 18
- (6) 13.5
- (7) 63.9
- (8) 325

③

- (1) 4
- (2) 2

解説

*小数でも次のきまりが成り立つ。

- たし算 $\square + \bigcirc = \bigcirc + \square$ $(\square + \bigcirc) + \triangle = \square + (\bigcirc + \triangle)$
- かけ算 $\square \times \bigcirc = \bigcirc \times \square$ $(\square \times \bigcirc) \times \triangle = \square \times (\bigcirc \times \triangle)$
- () を使った式 $(\square + \bigcirc) \times \triangle = \square \times \triangle + \bigcirc \times \triangle$
 $(\square - \bigcirc) \times \triangle = \square \times \triangle - \bigcirc \times \triangle$

②

$$\begin{aligned} (1) \quad & 2.7 + 6.7 + 3.3 \\ & = 2.7 + (6.7 + 3.3) \\ & = 2.7 + 10 \\ & = 12.7 \end{aligned}$$

$$\begin{aligned} (2) \quad & \underline{5.4} + 3.9 + \underline{4.6} \\ & = 3.9 + \underline{5.4} + \underline{4.6} \\ & = 3.9 + (5.4 + 4.6) \\ & = 3.9 + 10 \\ & = 13.9 \end{aligned}$$

$$\begin{aligned} (3) \quad & 51.2 \times 2.5 \times 0.4 \\ & = 51.2 \times (2.5 \times 0.4) \\ & = 51.2 \times 1 \\ & = 51.2 \end{aligned}$$

$$\begin{aligned} (4) \quad & \underline{0.5} \times 4.7 \times \underline{2} \\ & = 4.7 \times \underline{0.5} \times \underline{2} \\ & = 4.7 \times (0.5 \times 2) \\ & = 4.7 \times 1 \\ & = 4.7 \end{aligned}$$

$$\begin{aligned} (5) \quad & 3.8 \times \underline{1.8} + 6.2 \times \underline{1.8} \\ & = (3.8 + 6.2) \times \underline{1.8} \\ & = 10 \times 1.8 \\ & = 18 \end{aligned}$$

$$\begin{aligned} (6) \quad & 2.4 \times 2.7 + \underline{2.7} \times \underline{2.6} \\ & = 2.4 \times 2.7 + \underline{2.6} \times \underline{2.7} \\ & = (2.4 + 2.6) \times 2.7 \\ & = 5 \times 2.7 \\ & = 13.5 \end{aligned}$$

$$\begin{aligned} (7) \quad & 9.3 \times \underline{21.3} - 6.3 \times \underline{21.3} \\ & = (9.3 - 6.3) \times \underline{21.3} \\ & = 3 \times 21.3 \\ & = 63.9 \end{aligned}$$

$$\begin{aligned} (8) \quad & \underline{32.5} \times \underline{10.3} - 0.3 \times 32.5 \\ & = \underline{10.3} \times \underline{32.5} - 0.3 \times 32.5 \\ & = (10.3 - 0.3) \times 32.5 \\ & = 10 \times 32.5 \\ & = 325 \end{aligned}$$

③

$$\begin{array}{r} \overline{) 8,6} \\ \underline{6,9} \\ 170 \\ \underline{161} \\ 9 \end{array}$$

(2)

$$\begin{array}{r} \overline{) 20,3} \\ \underline{194} \\ 90 \end{array}$$