



【正負の数D1】
指数を含む計算1

点

⑩力だめし

・ 次の計算をなさい。(①～④各20点/⑤⑥各10点)

① $(-\frac{1}{2})^3$

② $(-5)^2$

③ 3^3

④ $(-1)^4$

⑤ $(-64) \times 4 \div 8$

⑥ $10 \div (-2) \div (-15)$





・ 次の計算をなさい。(①～④各20点/⑤⑥各10点)

① $(-\frac{1}{2})^3$

$$= (-\frac{1}{2}) \times (-\frac{1}{2}) \times (-\frac{1}{2})$$

$$= -\frac{1}{8}$$

$$-\frac{1}{8}$$

② $(-5)^2$

$$= (-5) \times (-5)$$

$$= 25$$

$$25$$

③ 3^3

$$= 3 \times 3 \times 3$$

$$= 27$$

$$27$$

④ $(-1)^4$

$$= (-1) \times (-1) \times (-1) \times (-1)$$

$$= 1$$

$$1$$

⑤ $(-64) \times 4 \div 8$

$$= (-64) \times 4 \times \frac{1}{8}$$

$$= -(\overset{8}{\cancel{64}} \times \frac{4}{\cancel{1}} \times \frac{1}{\cancel{8}})$$

$$= -32$$

$$-32$$

⑥ $10 \div (-2) \div (-15)$

$$= 10 \times (-\frac{1}{2}) \times (-\frac{1}{15})$$

$$= +(\overset{1}{\cancel{10}} \times \frac{1}{\cancel{2}} \times \frac{1}{\cancel{15}_3})$$

$$= \frac{1}{3}$$

$$\frac{1}{3}$$

