

【中1 数学 | 正負の数】

次の計算をなさい。

$$(1) 24 \div \left(-\frac{6}{7}\right) \div \frac{14}{3}$$

$$= 24 \times \left(-\frac{7}{6}\right) \times \frac{3}{14}$$

$$= -6$$

$$(2) \left(-\frac{5}{6}\right) \div \left(-\frac{1}{3}\right) \times \frac{4}{5}$$

$$= -\frac{5}{6} \times (-3) \times \frac{4}{5}$$

$$= 2$$

$$(3) \frac{3}{5} \times \left(-\frac{10}{9}\right) \div \left(-\frac{2}{3}\right)$$

$$= \frac{3}{5} \times \left(-\frac{10}{9}\right) \times \left(-\frac{3}{2}\right)$$

$$= 1$$

$$(4) -\frac{14}{5} \times \left(-\frac{1}{3}\right) \div \frac{2}{3} \times \frac{10}{21}$$

$$= -\frac{14}{5} \times \left(-\frac{1}{3}\right) \times \frac{3}{2} \times \frac{10}{21}$$

$$= \frac{2}{3}$$

$$(5) (-6^2) \div (-3)^2$$

$$= -36 \div 9$$

$$= -4$$

$$(6) (-12)^2 \div (-3)^3 \div (-2)^3$$

$$= 144 \div (-27) \div (-8)$$

$$= \frac{144}{27 \times 8}$$

$$= \frac{2}{3}$$

$$(7) \left(-\frac{3}{2}\right)^2 \times \left(\frac{1}{9}\right)^2 \div \left(-\frac{2}{3}\right)^3$$

$$= \frac{9}{4} \times \frac{1}{81} \times \left(-\frac{27}{8}\right)$$

$$= -\frac{3}{32}$$

$$(8) 2.4 \div (-0.8) \times (-1.5)$$

$$= (-3) \times (-1.5)$$

$$= 4.5$$

$$(9) \left(-\frac{5}{6}\right) \div (-4)^2 \div \left(-\frac{5}{8}\right)^2$$

$$= -\frac{5}{6} \times \frac{1}{16} \times \frac{64}{25}$$

$$= -\frac{2}{15}$$

YouTubeチャンネルも見てね▶『ふじわら塾長』で検索!!

