

問 1 答

$$(1) \frac{\boxed{\text{ア}}\sqrt{\boxed{\text{イ}}}}{2} = \frac{5\sqrt{2}}{2}$$

$$(2) \frac{\boxed{\text{ウエ}}\sqrt{\boxed{\text{オ}}}}{2} = \frac{15\sqrt{2}}{2}$$

$$(3) -\frac{\boxed{\text{カ}}}{\boxed{\text{キ}}} = -\frac{3}{5} \quad \frac{\boxed{\text{ク}}}{\boxed{\text{キ}}} = \frac{2}{5}$$

$$(4) \frac{\boxed{\text{ケ}}}{\boxed{\text{コ}}} = \frac{5}{3}$$

問 2 答

$$(1) \quad (i) \quad \boxed{\text{サシ}} = 36$$

$$(ii) \quad \frac{\boxed{\text{ス}}}{\boxed{\text{セ}}} = \frac{3}{8}$$

$$(iii) \quad \frac{\boxed{\text{ソタ}}}{128} = \frac{93}{128}$$

$$(2) \quad (i) \quad \boxed{\text{チ} \ 3 \ \text{ツ}} = 233$$

$$(ii) \quad \boxed{\text{テ} \ 3 \ \text{ト}} = 136$$

問 3 答

$$(1) \quad \boxed{\text{ナ}} = 1 \quad \frac{\boxed{\text{ニ}}\sqrt{\boxed{\text{ヌ}}}}{\boxed{\text{ネ}}} = \frac{4\sqrt{6}}{9}$$

$$(2) \quad -\frac{\sqrt[3]{\boxed{\text{ノ}}}\sqrt{\boxed{\text{ハ}}}}{\boxed{\text{ヒ}}} = -\frac{\sqrt[3]{2}\sqrt{6}}{3} \quad -\frac{\sqrt{\boxed{\text{フ}}}}{\boxed{\text{ヒ}}} = -\frac{\sqrt{6}}{3}$$

$$\frac{\boxed{\text{ヘ}}\sqrt{\boxed{\text{ホ}}}}{\boxed{\text{ヒ}}} = \frac{2\sqrt{6}}{3}$$

$$(3) \quad \boxed{\text{マ}} = 4$$