答え

名前　6年　　組

1

1 ① 点K

② 垂直

2 ① 辺GH

② 対称の中心(点O)

2

1 ① $80\times a$

② $320\times a$

③ $3\times x$

2 ① $x\times 3+5$

② 65個

3

1 ① $x=9$　② $x=44$

③ $x=26$　④ $x=59$

⑤ $x=\frac{4}{9}$　⑥ $x=6.4$ $\left(\frac{32}{5},\ 6\frac{2}{5}\right)$

2 ① $x=9$　② $x=8$

③ $x=10$　④ $x=13$

4

① $\frac{3}{20}$　② $\frac{4}{21}$

③ $\frac{3}{14}$　④ $\frac{27}{10}$ $\left(2\frac{7}{10}\right)$

⑤ $\frac{49}{24}$ $\left(2\frac{1}{24}\right)$　⑥ $\frac{1}{10}$

⑦ $\frac{3}{8}$　⑧ $\frac{1}{4}$

⑨ $\frac{2}{3}$　⑩ $\frac{3}{8}$

5

① $\frac{6}{7}$　② $\frac{15}{16}$

③ $\frac{15}{2}$ $\left(7\frac{1}{2}\right)$　④ $\frac{15}{4}$ $\left(3\frac{3}{4}\right)$

⑤ $\frac{21}{8}$ $\left(2\frac{5}{8}\right)$　⑥ $\frac{9}{4}$ $\left(2\frac{1}{4}\right)$

⑦ $\frac{15}{8}$ $\left(1\frac{7}{8}\right)$　⑧ 5

⑨ $\frac{20}{21}$　⑩ $\frac{9}{10}$

6

1 ① $\frac{3}{5}$　② $\frac{2}{3}$

③ $\frac{15}{16}$, $\frac{15}{16}$　④ $\frac{7}{10}$

2 ① $\frac{7}{3}$ $\left(2\frac{1}{3}\right)$　② 12

③ $\frac{5}{12}$　④ $\frac{5}{4}$ $\left(1\frac{1}{4}\right)$

⑤ $\frac{10}{3}$ $\left(3\frac{1}{3}\right)$　⑥ $\frac{1}{4}$

7

① (式) $\frac{6}{7}\times\frac{4}{5}=\frac{24}{35}$ (答え) $\frac{24}{35}$㎡

② (式) $\frac{3}{10}\times\frac{8}{9}=\frac{4}{15}$ (答え) $\frac{4}{15}$㎡

③ (式) $\frac{5}{6}\times 1\frac{13}{15}=\frac{14}{9}$

(答え) $\frac{14}{9}$ $\left(1\frac{5}{9}\right)$kg

④ (式) $150\times 1\frac{4}{5}=270$ (答え) 270円

8

① $\frac{5}{8}$　② $\frac{6}{7}$

③ $\frac{8}{27}$　④ $\frac{8}{15}$

⑤ $\frac{49}{36}\left(1\frac{13}{36}\right)$　⑥ $\frac{14}{5}\left(2\frac{4}{5}\right)$

⑦ $\frac{9}{2}\left(4\frac{1}{2}\right)$　⑧ $\frac{5}{4}\left(1\frac{1}{4}\right)$

⑨ $\frac{8}{3}\left(2\frac{2}{3}\right)$　⑩ 9

9

① $\frac{16}{3}\left(5\frac{1}{3}\right)$　② $\frac{24}{7}\left(3\frac{3}{7}\right)$

③ $\frac{49}{6}\left(8\frac{1}{6}\right)$　④ $\frac{56}{9}\left(6\frac{2}{9}\right)$

⑤ $\frac{9}{4}\left(2\frac{1}{4}\right)$　⑥ 15

⑦ $\frac{35}{6}\left(5\frac{5}{6}\right)$　⑧ $\frac{3}{10}$

⑨ $\frac{20}{9}\left(2\frac{2}{9}\right)$　⑩ $\frac{4}{9}$

10

①(式) $\frac{4}{15}\div\frac{8}{9}=\frac{3}{10}$ (答え) $\frac{3}{10}$L

②(式) $\frac{4}{5}\div\frac{2}{3}=\frac{6}{5}$ (答え) $\frac{6}{5}\left(1\frac{1}{5}\right)$L

③(式) $400\div1\frac{3}{5}=250$ (答え) 250円

④(式) $17\frac{1}{2}\div3\frac{1}{8}=\frac{28}{5}$

(答え) $\frac{28}{5}\left(5\frac{3}{5}\right)$cm

11

① $\frac{4}{3}\left(1\frac{1}{3}\right)$

② $\frac{1}{5}$

③ 100

④ 36

⑤ 180

12

① 7.71　② 9.15

③ 1.84　④ 2.73

⑤ 16　⑥ 4.7

⑦ $\frac{15}{14}\left(1\frac{1}{14}\right)$　⑧ $\frac{27}{20}\left(1\frac{7}{20}\right)$

⑨ $\frac{10}{63}$　⑩ $\frac{63}{16}\left(3\frac{15}{16}\right)$

13

1 ① $\frac{9}{10}$ (0.9)

② $\frac{47}{30}\left(1\frac{17}{30}\right)$

③ $\frac{1}{12}$

2 ① $\frac{3}{7}$

② $\frac{8}{3}\left(2\frac{2}{3}\right)$

14

① (式) $28.8\div4=7.2$　$10\div7.2=\frac{25}{18}$

(答え) $\frac{25}{18}\left(1\frac{7}{18}\right)$㎡

② (式) $1200\times(1-0.25)=900$

(答え) 900円

③ (式) $78\times\frac{1}{13}=6$　(答え) 約6kg

④ (式) $275\times\frac{10}{11}=250$

(答え) 約250g

15

1 ① 28.26㎠　② 113.04㎠

2 ① 100.48㎠　② 36.48㎠

3 約35㎢