

(7) $x = 4$ (8) $x = 7$

- 3** (1) 式... $x \times 6 - 12 = 48$ 答え...10
 (2) 式... $80 \times x + 120 = 1080$ 答え...12本
 (3) 式... $7 \times x + 9 = 100$
 答え...13人

◆解説◆

- 1** ⑥ あまった個数=全体の個数
 -配った個数= $50 - x \times 8$ (個)
 ⑦ 不足する個数=配ろうとした個数
 -全体の個数= $x \times 8 - 50$ (個)
 ⑧ 全体の個数=配ろうとした個数
 +あまった個数= $x \times 8 + 50$ (個)

- 2** (1) $x = 65 - 38 = 27$
 (2) $x = 73 - 41 = 32$
 (3) $x = 108 \div 9 = 12$
 (4) $x = 120 \times 8 = 960$
 (5) $x = 75 \div 3 = 25$
 (6) $x \div 2 = 18 - 10 = 8$, $x = 8 \times 2 = 16$
 (7) $x + 3 = 63 \div 9 = 7$, $x = 7 - 3 = 4$
 (8) $12 - x = 35 \div 7 = 5$, $x = 12 - 5 = 7$

- 3** (1) $x \times 6 - 12 = 48$, $x \times 6 = 48 + 12 = 60$,
 $x = 60 \div 6 = 10$
 (2) $80 \times x + 120 = 1080$,
 $80 \times x = 1080 - 120 = 960$,
 $x = 960 \div 80 = 12$ (本)
 (3) $7 \times x + 9 = 100$,
 $7 \times x = 100 - 9 = 91$,
 $x = 91 \div 7 = 13$ (人)

5 第3章 分数のかけ算
分数のかけ算(1)

◆解答◆

- 1** (1) $\frac{4}{7}$ (2) $\frac{8}{9}$
 (3) $1\frac{1}{3}$ (4) $2\frac{2}{5}$
 (5) $1\frac{5}{7}$ (6) $2\frac{4}{13}$
2 (1) $\frac{8}{15}$ (2) $\frac{5}{18}$
 (3) $\frac{25}{42}$ (4) $\frac{35}{72}$
 (5) $1\frac{13}{50}$ (6) $2\frac{17}{30}$
3 (1) $3\frac{3}{4}$ kg (2) $\frac{15}{56}$ m²

◆解説◆

- 1** (3) $\frac{2}{3} \times 2 = \frac{2 \times 2}{3} = \frac{4}{3} = 1\frac{1}{3}$
 (6) $\frac{5}{13} \times 6 = \frac{5 \times 6}{13} = \frac{30}{13} = 2\frac{4}{13}$
2 (1) $\frac{2}{3} \times \frac{4}{5} = \frac{2 \times 4}{3 \times 5} = \frac{8}{15}$
 (5) $\frac{9}{5} \times \frac{7}{10} = \frac{9 \times 7}{5 \times 10} = \frac{63}{50} = 1\frac{13}{50}$
 (6) $\frac{7}{5} \times \frac{11}{6} = \frac{7 \times 11}{5 \times 6} = \frac{77}{30} = 2\frac{17}{30}$
3 (1) $\frac{3}{4} \times 5 = \frac{15}{4} = 3\frac{3}{4}$ (kg)
 (2) $\frac{5}{8} \times \frac{3}{7} = \frac{15}{56}$ (m²)

6 第3章 分数のかけ算
分数のかけ算(2)

◆解答◆

- 1** (1) $\frac{3}{4}$ (2) $7\frac{1}{2}$
 (3) $\frac{2}{7}$ (4) $\frac{3}{4}$
 (5) $\frac{5}{6}$
2 (1) $4\frac{2}{3}$ (2) $\frac{2}{3}$
 (3) $1\frac{1}{2}$ (4) $2\frac{2}{3}$
 (5) $\frac{1}{4}$
3 (1) 140g (2) 50km

◆解説◆

- 1** (2) $\frac{5}{6} \times 9 = \frac{5 \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}}} = \frac{15}{2} = 7\frac{1}{2}$
 (4) $\frac{5}{6} \times \frac{9}{10} = \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}} \times \underset{2}{\cancel{10}}} = \frac{3}{4}$
2 (1) $4 \times 1\frac{1}{6} = 4 \times \frac{7}{6} = \frac{\overset{2}{\cancel{4}} \times 7}{\underset{3}{\cancel{6}}} = \frac{14}{3} = 4\frac{2}{3}$
 (3) $1\frac{1}{3} \times 1\frac{1}{8} = \frac{4}{3} \times \frac{9}{8} = \frac{\overset{1}{\cancel{4}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times \underset{2}{\cancel{8}}} = \frac{3}{2} = 1\frac{1}{2}$
 (5) $\frac{5}{14} \times 0.7 = \frac{5}{14} \times \frac{7}{10} = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}}}{\underset{2}{\cancel{14}} \times \underset{2}{\cancel{10}}} = \frac{1}{4}$
3 (1) $60 \times 2\frac{1}{3} = 60 \times \frac{7}{3} = 140$ (g)
 (2) $15\frac{5}{8} \times 3.2 = \frac{125}{8} \times \frac{32}{10} = \frac{125}{8} \times \frac{16}{5}$
 $= 50$ (km)