

ANSWERS Calculations and fractions 24.03.20 ANSWERS

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Calculations

1. Mean of 3, 8, 9, 4
2. 40% of 260
3. 3462 divided by 1000
4. 585ml in L
5. double 39
6. 6 - 7
7. 3^3
8. Half of 39
9. $67 + ? = 100$
10. 18×398
11. $84 - 4.786$
12. 745 8
13. $463 + 73.69$

1. 6
2. 104
3. 3.462
4. 0.585L
5. 78
6. -1
7. 27
8. 19.5
9. 33
10. 7164
11. 79.214
12. 93.125
13. 536.69

1. 71,73,79
2. 6506m or 6.506km
3. 36cm^2
4. 22.5
5. 540cm
6. 8.625
7. 131.99
8. 4621.204
9. 9543
10. 29.13
11. 65
12. 1.764
13. 0.067

1. Prime numbers between 70-80
2. $7.3\text{km} - 794\text{m}$
3. Area of a square with 6cm sides
4. 75% of 30
5. 5.4m into cm
6. Half of 17.25
7. 6.7×19.7
8. $4623 - 1.796$
9. $45.7 + ? = 1000$
10. 670 23
11. $9^2 - 4^2$
12. $6 \times 5 (6 + 11)$
13. 67 1000

$$1. \frac{4}{10} + \frac{9}{10} = \frac{13}{10} = \left(\frac{13}{10}\right)$$

$$2. \frac{3 \times 3}{4 \times 3} - \frac{1 \times 2}{6 \times 2} = \frac{9}{12} - \frac{2}{12} = \left(\frac{7}{12}\right)$$

$$3. 4 \frac{7}{11} \div 5 = \left(\frac{51}{11}\right)$$

$$4. \frac{41}{12} = \left(3 \frac{5}{12}\right)$$

$$5. 4 \frac{5}{6} + 2 \frac{2}{3}$$

$$= 6 \frac{5}{6} + \frac{2 \times 2}{3 \times 2}$$

$$= 6 \frac{5}{6} + \frac{4}{6} = 6 \frac{9}{6} = 7 \frac{3}{6} = \left(7 \frac{1}{2}\right)$$

$$6. \frac{7}{12} \times \frac{4}{5} = \frac{28}{60} = \left(\frac{14}{30}\right)$$

$$7. \frac{3}{8} \div \frac{3}{5} = \frac{K}{8} \times \frac{C}{3} = \frac{15 \div 3}{24 \div 3} = \left(\frac{5}{8}\right)$$

$$8. 2 \frac{3}{8} \div \frac{5}{6} = \frac{19}{8} \div \frac{5}{6} = \frac{K}{8} \times \frac{C}{5} = \frac{114}{40} = 2 \frac{34}{40} = \left(2 \frac{17}{20}\right)$$

$$9. 3 \times \frac{5}{12} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = 1 \frac{3}{12} = \left(1 \frac{1}{4}\right)$$

$$10. 2 \frac{3}{7} \times \frac{1}{6} = \frac{17}{7} \times \frac{1}{6} = \left(\frac{17}{42}\right)$$

FRACTIONS 😊

$$11. 4 \frac{1}{7} - 1 \frac{1}{2}$$

$$= 3 \frac{1}{7} - \frac{1}{2}$$

$$= 2 \frac{8 \times 2}{7 \times 2} - \frac{1 \times 7}{2 \times 7}$$

$$= 2 \frac{16}{14} - \frac{7}{14} = \left(2 \frac{9}{14}\right)$$