

1. $\frac{2}{3} \div \frac{4}{5} =$

2. $\frac{4}{6} \div \frac{4}{5} =$

3. $\frac{4}{3} \div \frac{4}{5} =$

4. $\frac{4}{3} \div \frac{2}{5} =$

5. $\frac{3}{4} \div \frac{2}{5} =$

6. $\frac{3}{4} \div \frac{5}{2} =$

7. $\frac{3}{4} \div \frac{1}{2} =$

8. $\frac{1}{2} \div \frac{3}{4} =$

9. $\frac{1}{2} \div \frac{1}{4} =$

10. $\frac{1}{2} \div 4 =$

11. $\frac{1}{3} \div 4 =$

12. $4 \div \frac{1}{3} =$

13. $4 \div \frac{7}{3} =$

14. $20 \div \frac{7}{3} =$

15. $5 \div \frac{7}{12} =$

16. $\frac{1}{5} \div \frac{7}{15} =$

17. $\frac{1}{5} \div 1\frac{13}{15} =$

18. $\frac{a}{5} \div 1\frac{13}{15} =$

19. $\frac{1}{b} \div 1\frac{13}{15} =$

20. $\frac{1}{5} \div 1\frac{c}{15} =$

21. $\frac{1}{5} \div 1\frac{13}{d} =$

1. 10% of 40 =

2. 5% of 40 =

3. 15% of 40 =

4. 30% of 40 =

5. 30% of 80 =

6. 3% of 80 =

7. 30% of 8 =

8. 300% of 8 =

9. 8% of 300 =

Calculate the
percentage of an
amount

1. $x^2 + 9x - 10 =$

2. $x^2 - 9x - 10 =$

3. $x^2 - 9x =$

4. $x^2 + 9x =$

5. $x^2 + 9 =$

6. $x^2 - 9 =$

7. $x^2 - 8 =$

8. $x^2 - 4 =$

9. $x^2 + 4 =$

10. $x^2 + 4x =$

11. $x^2 + 4x + 4 =$

Factorise these
quadratic
expressions

1. 1, 4, 7, 9, 9

Mean =

2. 2, 5, 8, 10, 10

Mean =

3. 0, 3, 6, 8, 8

Mean =

4. 0, 3, 6, 8, 3

Mean =

5. 10, 3, 6, 8, 3

Mean =

6. 0, 13, 6, 8, 3

Mean =

7. 13, 6, 8, 3

Mean =

8. 26, 12, 16, 6

Mean =

9. 26, 12, 16, 6, 15

Mean =

10. 26, 12, 16, 6, 15, 21

Mean =

11. 12, 16, 15, 21

Mean =

12. 12, 12, 16, 16, 15, 15, 21, 21 Mean =

13. 3.6, 4.8, 4.5, 6.3

Mean =

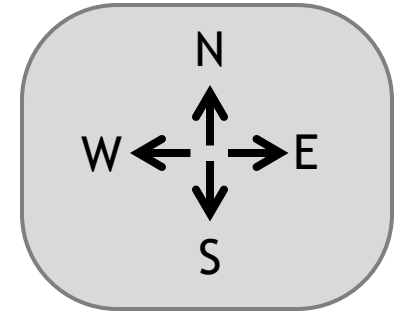
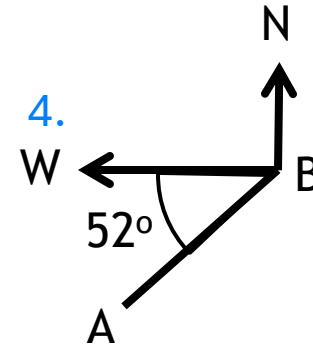
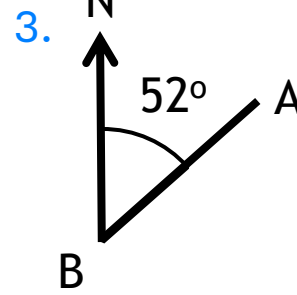
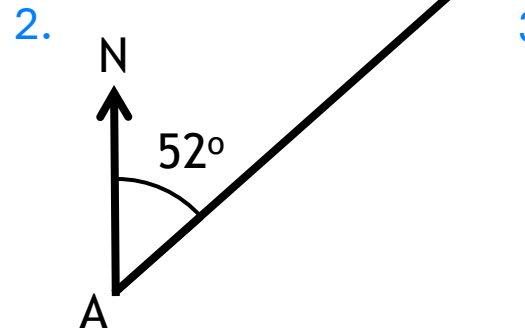
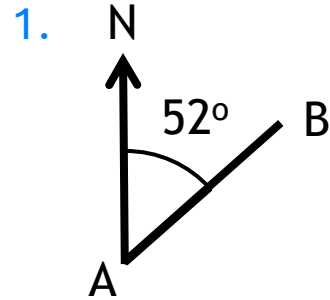
14. $-6, -8, -7.5, -10.5$

Mean =

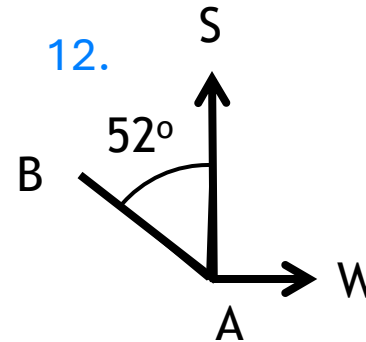
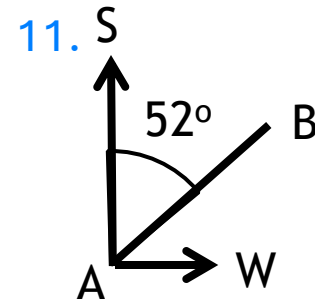
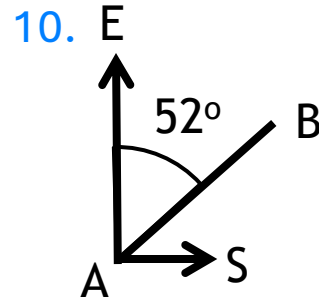
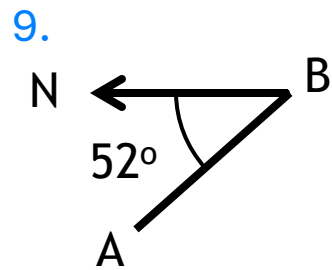
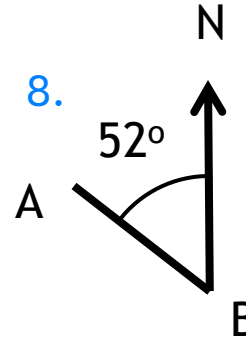
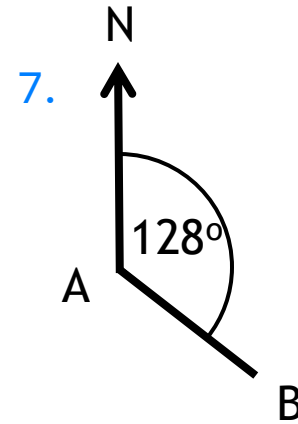
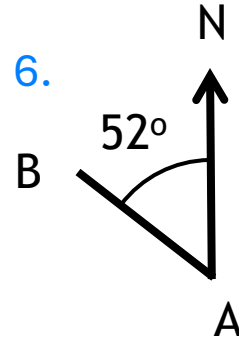
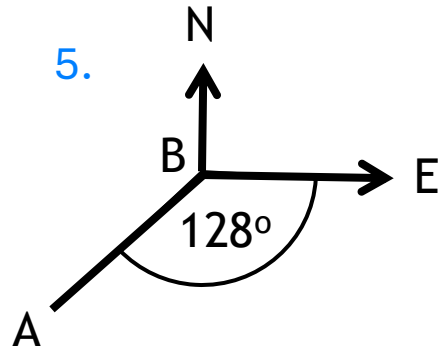
15. $12^2, 16^2, 15^2, 21^2$

Mean =

Calculate the
mean of these
sets of data



Each question contains point A, point B and directions indicated with an arrow.



In each case, find the bearing of B from A.