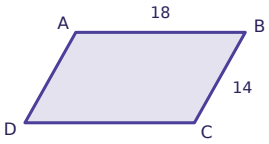
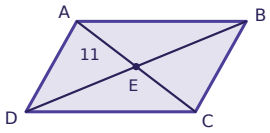
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 1

ABCD is a parallelogram. AB = 18 and BC = 14. Find the perimeter of ABCD.



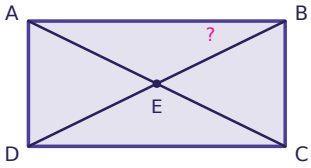
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 2

ABCD is a parallelogram whose diagonals meet at E. AE = 11. Find AC.



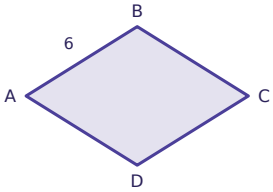
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 3

ABCD is a rectangle whose diagonals meet at E. AC = 22. Find BE.



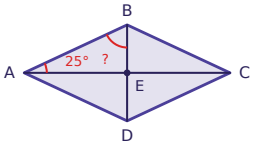
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 4

ABCD is a rhombus and AB = 6. Find the perimeter of ABCD.



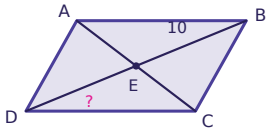
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 5

ABCD is a rhombus whose diagonals meet at E. m∠EAB = 25°. Find m∠ABE.



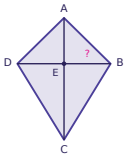
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 6

ABCD is a parallelogram whose diagonals meet at E. BE = 10. Find ED.



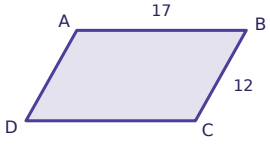
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 7

ABCD is a kite with AB = AD and CB = CD. Its diagonals meet at E. BD = 10. Find BE.



Properties of Parallelograms, Rectangles, Rhombuses & Kites · 8

ABCD is a parallelogram. AB = 17 and BC = 12. Find the perimeter of ABCD.



Properties of Parallelograms, Rectangles, Rhombuses & Kites · 2

ANSWER

22

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 1

ANSWER

64

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 4

ANSWER

24

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 3

ANSWER

11

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 6

ANSWER

10

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 5

ANSWER

65°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 8

ANSWER

58

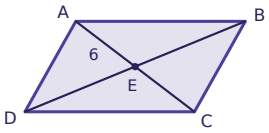
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 7

ANSWER

5

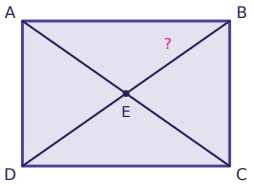
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 9

ABCD is a parallelogram whose diagonals meet at E. AE = 6. Find AC.



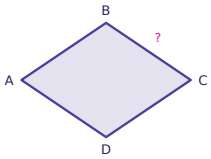
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 10

ABCD is a rectangle whose diagonals meet at E. AC = 22. Find BE.



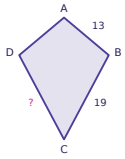
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 11

The perimeter of rhombus ABCD is 48. Find BC.



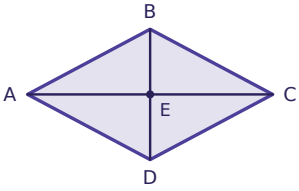
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 12

ABCD is a kite with AB = AD and CB = CD. AB = 13 and BC = 19. Find CD.



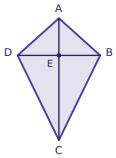
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 13

ABCD is a rhombus whose diagonals meet at E. Find m∠AEB.



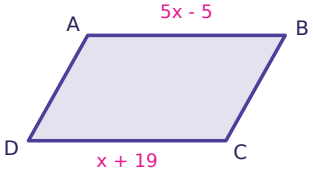
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 14

ABCD is a kite with AB = AD and CB = CD. Its diagonals meet at E. Find m∠BEC.



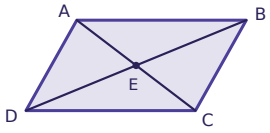
Properties of Parallelograms, Rectangles, Rhombuses & Kites · 15

ABCD is a parallelogram. AB = 5x - 5 and CD = x + 19. Find x.



Properties of Parallelograms, Rectangles, Rhombuses & Kites · 16

ABCD is a parallelogram whose diagonals meet at E. AE = 2x + 16 and EC = 3x + 13. Find x.



Properties of Parallelograms, Rectangles, Rhombuses & Kites · 10

ANSWER

11

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 9

ANSWER

12

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 12

ANSWER

19

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 11

ANSWER

12

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 14

ANSWER

90°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 13

ANSWER

90°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 16

ANSWER

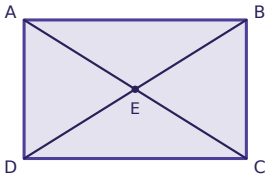
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Properties of Parallelograms, Rectangles, Rhombuses & Kites · 15

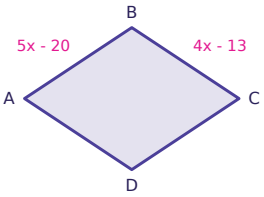
ANSWER

6

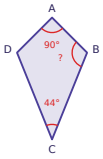
ABCD is a rectangle. AC = x + 12 and BD = 4x - 6. Find x.



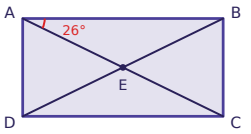
ABCD is a rhombus. AB = 5x - 20 and BC = 4x - 13. Find x.



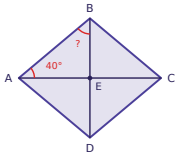
ABCD is a kite with AB = AD and CB = CD. m∠A = 90° and m∠C = 44°. Find m∠B.



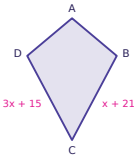
ABCD is a rectangle whose diagonals meet at E. m∠EAB = 26°. Find m∠AEB.



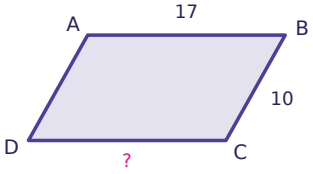
ABCD is a rhombus whose diagonals meet at E. m∠EAB = 40°. Find m∠ABE.



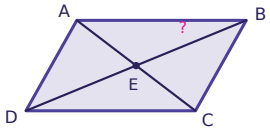
ABCD is a kite with AB = AD and CB = CD. CB = x + 21 and CD = 3x + 15. Find x.



ABCD is a parallelogram. AB = 17 and BC = 10. Find CD.



ABCD is a parallelogram whose diagonals meet at E. BD = 18. Find BE.



Properties of Parallelograms, Rectangles, Rhombuses & Kites · 18

ANSWER

7

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 17

ANSWER

6

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 20

ANSWER

128°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 19

ANSWER

113°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 22

ANSWER

3

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 21

ANSWER

50°

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 24

ANSWER

9

Properties of Parallelograms, Rectangles, Rhombuses & Kites · 23

ANSWER

17