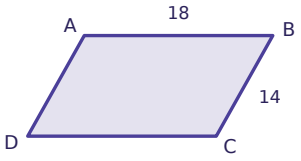
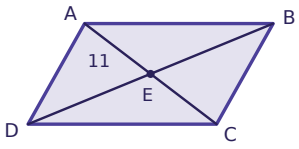
Task card 1 Properties of Parallelograms, Rect...

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



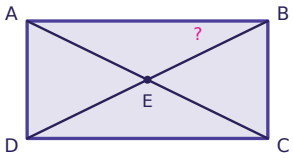
Task card 2 Properties of Parallelograms, Rect...

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



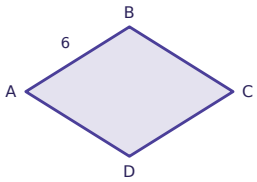
Task card 3 Properties of Parallelograms, Rect...

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



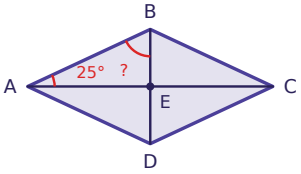
Task card 4 Properties of Parallelograms, Rect...

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



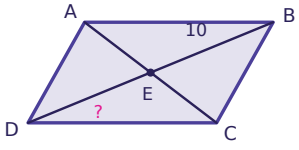
Task card 5 Properties of Parallelograms, Rect...

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



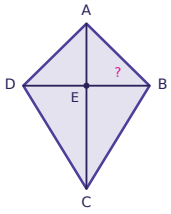
Task card 6 Properties of Parallelograms, Rect...

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



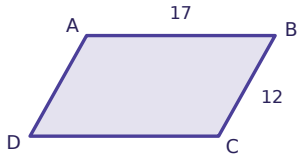
Task card 7 Properties of Parallelograms, Rect...

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



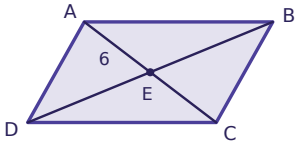
Task card 8 Properties of Parallelograms, Rect...

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



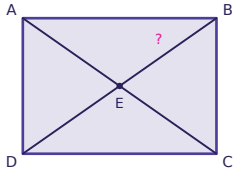
Task card 9 Properties of Parallelograms, Rect...

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



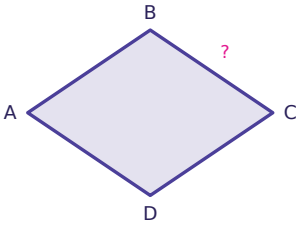
Task card 10 Properties of Parallelograms, Rect...

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



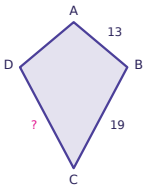
Task card 11 Properties of Parallelograms, Rect...

The perimeter of rhombus ABCD is 48. Find BC.



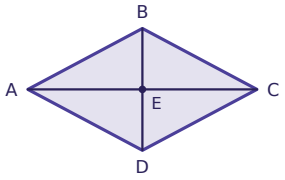
Task card 12 Properties of Parallelograms, Rect...

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



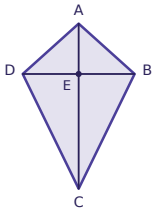
Task card 13 Properties of Parallelograms, Rect...

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



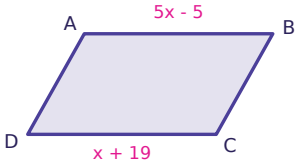
Task card 14 Properties of Parallelograms, Rect...

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



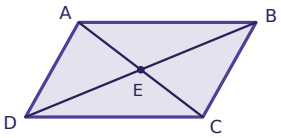
Task card 15 Properties of Parallelograms, Rect...

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



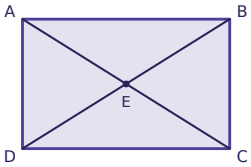
Task card 16 Properties of Parallelograms, Rect...

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



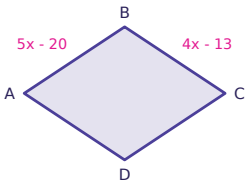
Task card 17 Properties of Parallelograms, Rect...

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



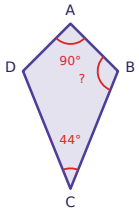
Task card 18 Properties of Parallelograms, Rect...

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



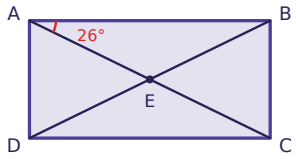
Task card 19 Properties of Parallelograms, Rect...

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



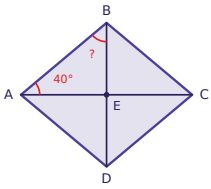
Task card 20 Properties of Parallelograms, Rect...

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



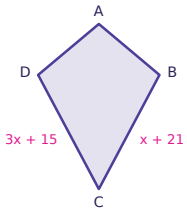
Task card 21 Properties of Parallelograms, Rect...

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



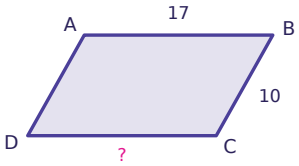
Task card 22 Properties of Parallelograms, Rect...

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



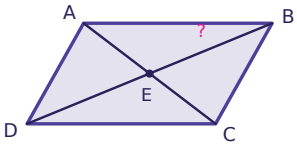
Task card 23 Properties of Parallelograms, Rect...

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



Task card 24 Properties of Parallelograms, Rect...

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



Properties of Parallelograms, Rectangles, Rhombuses & Kites Task Cards

Recording sheet · Grade 10 · Use the properties of each quadrilateral. When diagonals are drawn, they meet at E. Diagrams are not always drawn to scale.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Properties of Parallelograms, Rectangles, Rhombuses & Kites Task Cards: Answer Key

Grade 10 · Easy

The answers online

1. 64	**2.** 22	**3.** 11
4. 24	**5.** 65°	**6.** 10
7. 5	**8.** 58	**9.** 12
10. 11	**11.** 12	**12.** 19
13. 90°	**14.** 90°	**15.** 6
16. 3	**17.** 6	**18.** 7
19. 113°	**20.** 128°	**21.** 50°
22. 3	**23.** 17	**24.** 9