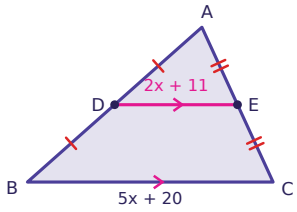
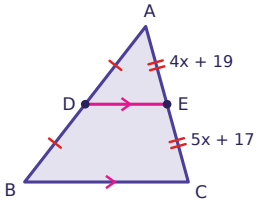
Task card 1 Triangle Midsegment Theorem

DE = 2x + 11 and BC = 5x + 20. Find x.



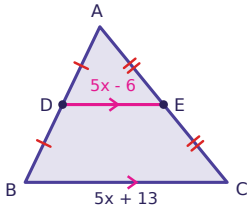
Task card 2 Triangle Midsegment Theorem

AE = 4x + 19 and EC = 5x + 17. Find x.



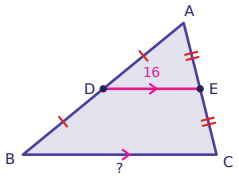
Task card 3 Triangle Midsegment Theorem

DE = 5x - 6 and BC = 5x + 13. Find x.



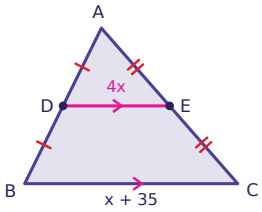
Task card 4 Triangle Midsegment Theorem

DE = 16. Find BC.



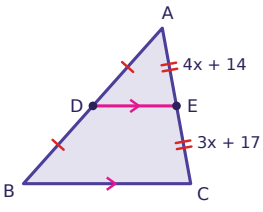
Task card 5 Triangle Midsegment Theorem

DE = 4x and BC = x + 35. Find x.



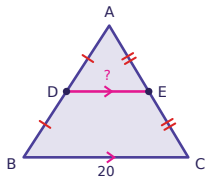
Task card 6 Triangle Midsegment Theorem

AE = 4x + 14 and EC = 3x + 17. Find x.



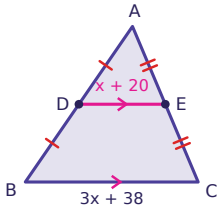
Task card 7 Triangle Midsegment Theorem

BC = 20. Find DE.



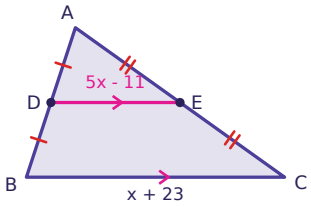
Task card 8 Triangle Midsegment Theorem

DE = x + 20 and BC = 3x + 38. Find x.



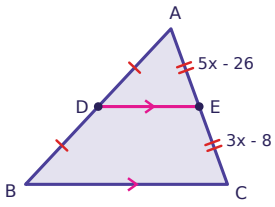
Task card 9 Triangle Midsegment Theorem

DE = 5x - 11 and BC = x + 23. Find x.



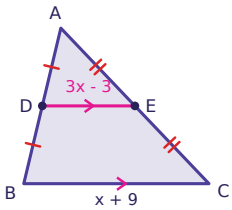
Task card 10 Triangle Midsegment Theorem

AE = 5x - 26 and EC = 3x - 8. Find x.



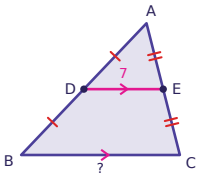
Task card 11 Triangle Midsegment Theorem

DE = 3x - 3 and BC = x + 9. Find x.



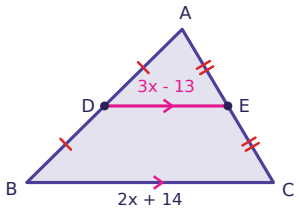
Task card 12 Triangle Midsegment Theorem

DE = 7. Find BC.



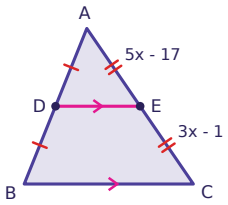
Task card 13 Triangle Midsegment Theorem

DE = 3x - 13 and BC = 2x + 14. Find x.



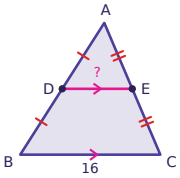
Task card 14 Triangle Midsegment Theorem

AE = 5x - 17 and EC = 3x - 1. Find x.



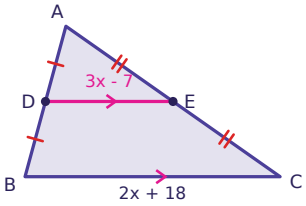
Task card 15 Triangle Midsegment Theorem

BC = 16. Find DE.



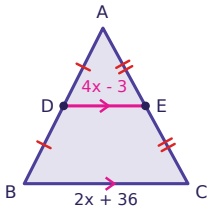
Task card 16 Triangle Midsegment Theorem

DE = 3x - 7 and BC = 2x + 18. Find x.



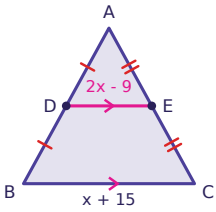
Task card 17 Triangle Midsegment Theorem

DE = 4x - 3 and BC = 2x + 36. Find DE.



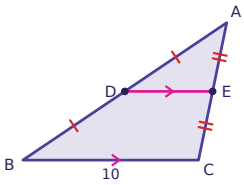
Task card 18 Triangle Midsegment Theorem

DE = 2x - 9 and BC = x + 15. Find BC.



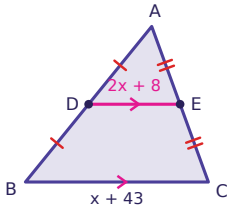
Task card 19 Triangle Midsegment Theorem

AB = 14, AC = 8 and BC = 10. Find the perimeter of △ADE.



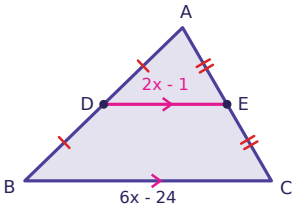
Task card 20 Triangle Midsegment Theorem

DE = 2x + 8 and BC = x + 43. Find x.



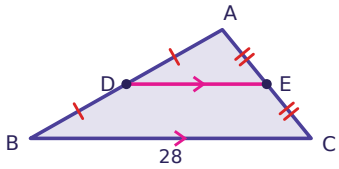
Task card 21 Triangle Midsegment Theorem

DE = 2x - 1 and BC = 6x - 24. Find DE.



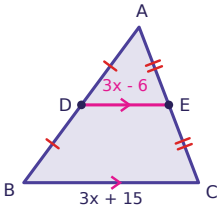
Task card 22 Triangle Midsegment Theorem

AB = 22, AC = 14 and BC = 28. Find the perimeter of △ADE.



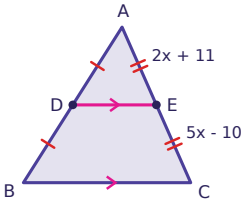
Task card 23 Triangle Midsegment Theorem

DE = 3x - 6 and BC = 3x + 15. Find BC.



Task card 24 Triangle Midsegment Theorem

AE = 2x + 11 and EC = 5x - 10. Find x.



Triangle Midsegment Theorem Task Cards

Recording sheet · Grade 10 · In each diagram, D is the midpoint of AB and E is the midpoint of AC, so DE is a midsegment of △ABC.

Name: _____ Date: _____

Scan to check your answers

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

Triangle Midsegment Theorem Task Cards: Answer Key

Grade 10 · Medium

The answers online

1. 2	**2.** 2	**3.** 5
4. 32	**5.** 5	**6.** 3
7. 10	**8.** 2	**9.** 5
10. 9	**11.** 3	**12.** 14
13. 10	**14.** 8	**15.** 8
16. 8	**17.** 25	**18.** 26
19. 16	**20.** 9	**21.** 21
22. 32	**23.** 42	**24.** 7