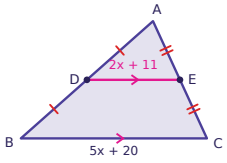
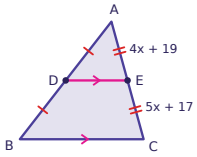
Triangle Midsegment Theorem · 1

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



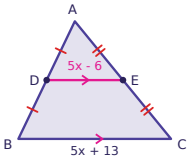
Triangle Midsegment Theorem · 2

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



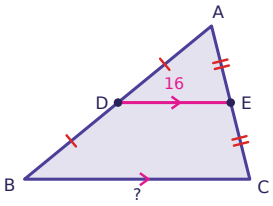
Triangle Midsegment Theorem · 3

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



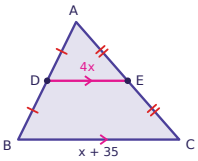
Triangle Midsegment Theorem · 4

DE = 16. Find BC.



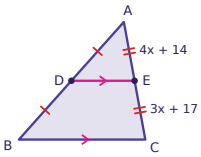
Triangle Midsegment Theorem · 5

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



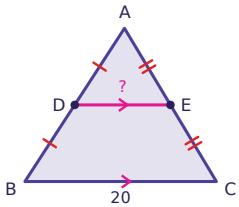
Triangle Midsegment Theorem · 6

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



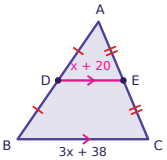
Triangle Midsegment Theorem · 7

BC = 20. Find DE.



Triangle Midsegment Theorem · 8

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



Triangle Midsegment Theorem · 2

ANSWER

2

Triangle Midsegment Theorem · 1

ANSWER

2

Triangle Midsegment Theorem · 4

ANSWER

32

Triangle Midsegment Theorem · 3

ANSWER

5

Triangle Midsegment Theorem · 6

ANSWER

3

Triangle Midsegment Theorem · 5

ANSWER

5

Triangle Midsegment Theorem · 8

ANSWER

2

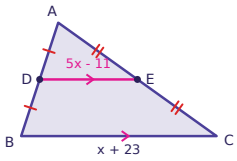
Triangle Midsegment Theorem · 7

ANSWER

10

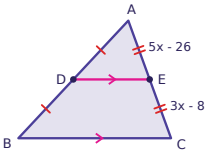
Triangle Midsegment Theorem · 9

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



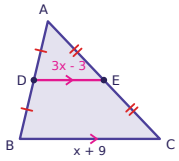
Triangle Midsegment Theorem · 10

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



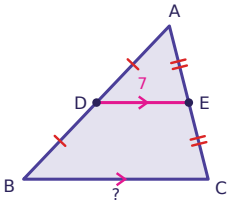
Triangle Midsegment Theorem · 11

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



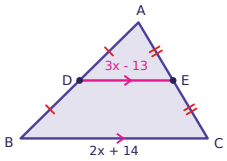
Triangle Midsegment Theorem · 12

DE = 7. Find BC.



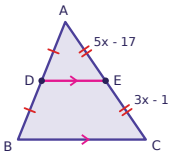
Triangle Midsegment Theorem · 13

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



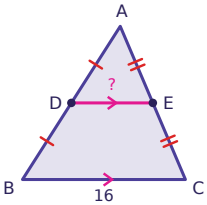
Triangle Midsegment Theorem · 14

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



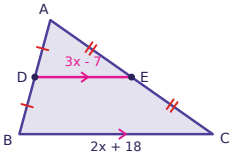
Triangle Midsegment Theorem · 15

BC = 16. Find DE.



Triangle Midsegment Theorem · 16

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



Triangle Midsegment Theorem · 10

ANSWER

9

Triangle Midsegment Theorem · 9

ANSWER

5

Triangle Midsegment Theorem · 12

ANSWER

14

Triangle Midsegment Theorem · 11

ANSWER

3

Triangle Midsegment Theorem · 14

ANSWER

8

Triangle Midsegment Theorem · 13

ANSWER

10

Triangle Midsegment Theorem · 16

ANSWER

8

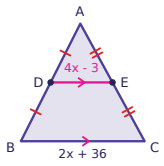
Triangle Midsegment Theorem · 15

ANSWER

8

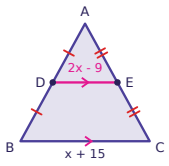
Triangle Midsegment Theorem · 17

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



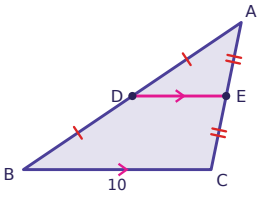
Triangle Midsegment Theorem · 18

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



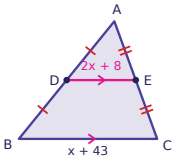
Triangle Midsegment Theorem · 19

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



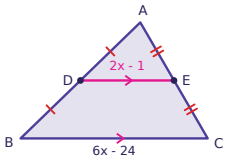
Triangle Midsegment Theorem · 20

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



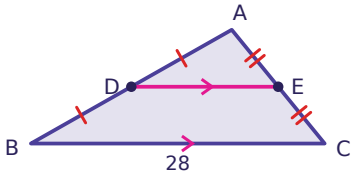
Triangle Midsegment Theorem · 21

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



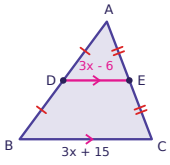
Triangle Midsegment Theorem · 22

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



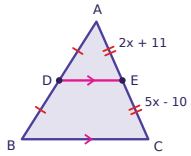
Triangle Midsegment Theorem · 23

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



Triangle Midsegment Theorem · 24

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



Triangle Midsegment Theorem · 18

ANSWER

26

Triangle Midsegment Theorem · 17

ANSWER

25

Triangle Midsegment Theorem · 20

ANSWER

9

Triangle Midsegment Theorem · 19

ANSWER

16

Triangle Midsegment Theorem · 22

ANSWER

32

Triangle Midsegment Theorem · 21

ANSWER

21

Triangle Midsegment Theorem · 24

ANSWER

7

Triangle Midsegment Theorem · 23

ANSWER

42