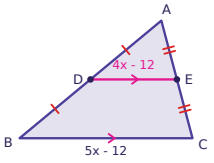
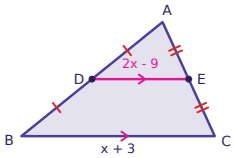
Triangle Midsegment Theorem · 1

DE = 4x - 12 and BC = 5x - 12. Find DE.



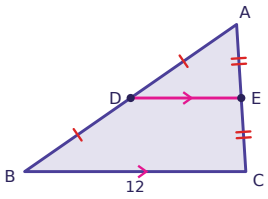
Triangle Midsegment Theorem · 2

DE = 2x - 9 and BC = x + 3. Find BC.



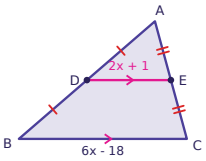
Triangle Midsegment Theorem · 3

AB = 14, AC = 8 and BC = 12. Find the perimeter of △ADE.



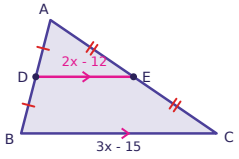
Triangle Midsegment Theorem · 4

DE = 2x + 1 and BC = 6x - 18. Find x.



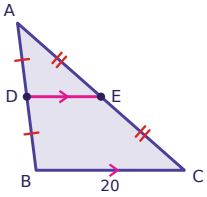
Triangle Midsegment Theorem · 5

DE = 2x - 12 and BC = 3x - 15. Find DE.



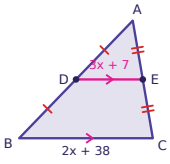
Triangle Midsegment Theorem · 6

AB = 20, AC = 30 and BC = 20. Find the perimeter of △ADE.



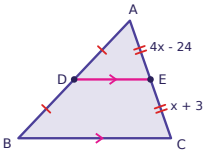
Triangle Midsegment Theorem · 7

DE = 3x + 7 and BC = 2x + 38. Find BC.



Triangle Midsegment Theorem · 8

AE = 4x - 24 and EC = x + 3. Find x.



Triangle Midsegment Theorem · 2

ANSWER

10

Triangle Midsegment Theorem · 1

ANSWER

4

Triangle Midsegment Theorem · 4

ANSWER

10

Triangle Midsegment Theorem · 3

ANSWER

17

Triangle Midsegment Theorem · 6

ANSWER

35

Triangle Midsegment Theorem · 5

ANSWER

6

Triangle Midsegment Theorem · 8

ANSWER

9

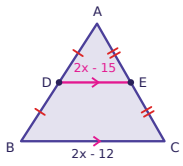
Triangle Midsegment Theorem · 7

ANSWER

50

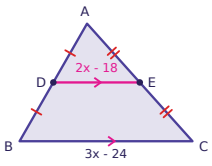
Triangle Midsegment Theorem · 9

DE = 2x - 15 and BC = 2x - 12. Find DE.



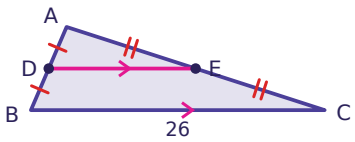
Triangle Midsegment Theorem · 10

DE = 2x - 18 and BC = 3x - 24. Find BC.



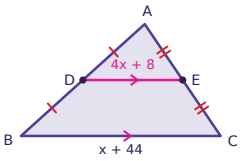
Triangle Midsegment Theorem · 11

AB = 8, AC = 24 and BC = 26. Find the perimeter of △ADE.



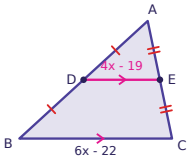
Triangle Midsegment Theorem · 12

DE = 4x + 8 and BC = x + 44. Find x.



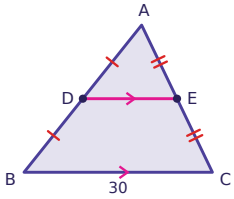
Triangle Midsegment Theorem · 13

DE = 4x - 19 and BC = 6x - 22. Find DE.



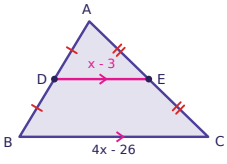
Triangle Midsegment Theorem · 14

AB = 30, AC = 26 and BC = 30. Find the perimeter of △ADE.



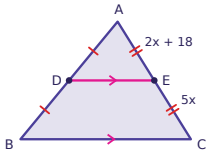
Triangle Midsegment Theorem · 15

DE = x - 3 and BC = 4x - 26. Find BC.



Triangle Midsegment Theorem · 16

AE = 2x + 18 and EC = 5x. Find x.



Triangle Midsegment Theorem · 10

ANSWER

12

Triangle Midsegment Theorem · 9

ANSWER

3

Triangle Midsegment Theorem · 12

ANSWER

4

Triangle Midsegment Theorem · 11

ANSWER

29

Triangle Midsegment Theorem · 14

ANSWER

43

Triangle Midsegment Theorem · 13

ANSWER

13

Triangle Midsegment Theorem · 16

ANSWER

6

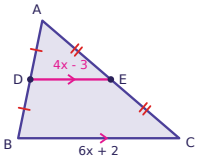
Triangle Midsegment Theorem · 15

ANSWER

14

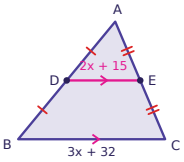
Triangle Midsegment Theorem · 17

DE = 4x - 3 and BC = 6x + 2. Find DE.



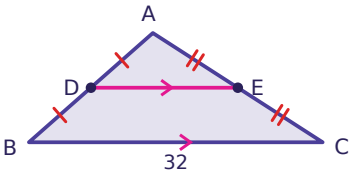
Triangle Midsegment Theorem · 18

DE = 2x + 15 and BC = 3x + 32. Find BC.



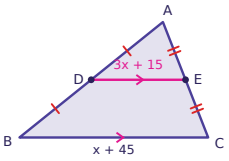
Triangle Midsegment Theorem · 19

AB = 18, AC = 22 and BC = 32. Find the perimeter of △ADE.



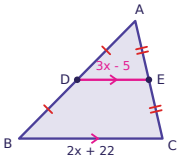
Triangle Midsegment Theorem · 20

DE = 3x + 15 and BC = x + 45. Find x.



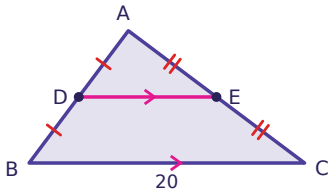
Triangle Midsegment Theorem · 21

DE = 3x - 5 and BC = 2x + 22. Find DE.



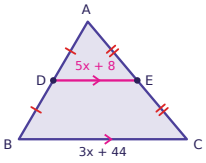
Triangle Midsegment Theorem · 22

AB = 12, AC = 16 and BC = 20. Find the perimeter of △ADE.



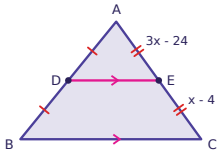
Triangle Midsegment Theorem · 23

DE = 5x + 8 and BC = 3x + 44. Find BC.



Triangle Midsegment Theorem · 24

AE = 3x - 24 and EC = x - 4. Find x.



Triangle Midsegment Theorem · 18

ANSWER

38

Triangle Midsegment Theorem · 17

ANSWER

13

Triangle Midsegment Theorem · 20

ANSWER

3

Triangle Midsegment Theorem · 19

ANSWER

36

Triangle Midsegment Theorem · 22

ANSWER

24

Triangle Midsegment Theorem · 21

ANSWER

19

Triangle Midsegment Theorem · 24

ANSWER

10

Triangle Midsegment Theorem · 23

ANSWER

56