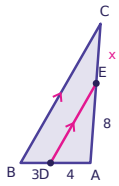
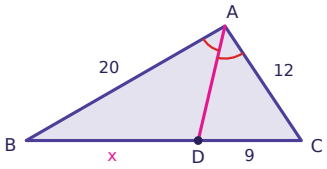
Task card 1 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



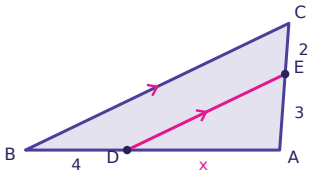
Task card 2 Triangle Proportionality & Angle B...

AD bisects ∠BAC. Find x.



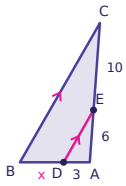
Task card 3 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



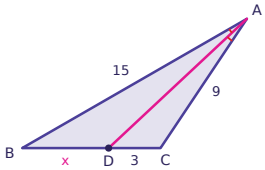
Task card 4 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



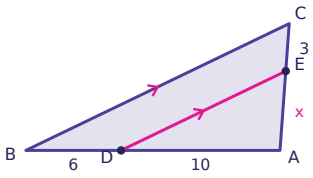
Task card 5 Triangle Proportionality & Angle B...

AD bisects ∠BAC. Find x.



Task card 6 Triangle Proportionality & Angle B...

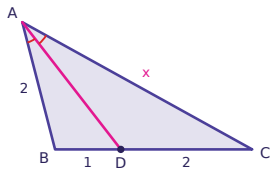
DE ∥ BC. Find x.



Task card 7 Triangle Proportionality & Angle B...

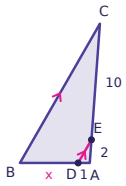
AD bisects ∠BAC.

Find x.



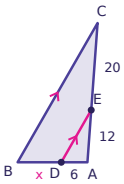
Task card 8 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



Task card 9 Triangle Proportionality & Angle B...

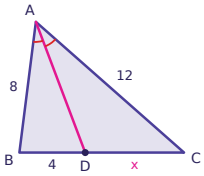
DE ∥ BC. Find x.



Task card 10 Triangle Proportionality & Angle B...

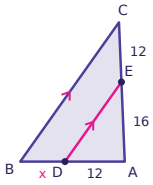
AD bisects ∠BAC.

Find x.



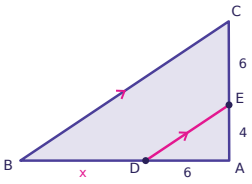
Task card 11 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



Task card 12 Triangle Proportionality & Angle B...

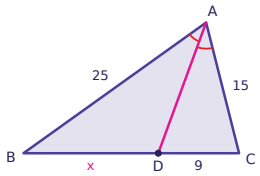
DE ∥ BC. Find x.



Task card 13 Triangle Proportionality & Angle B...

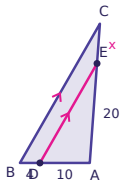
AD bisects ∠BAC.

Find x.



Task card 14 Triangle Proportionality & Angle B...

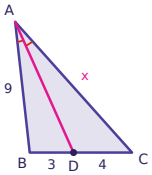
DE ∥ BC. Find x.



Task card 15 Triangle Proportionality & Angle B...

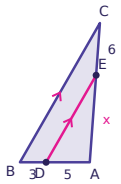
AD bisects ∠BAC.

Find x.



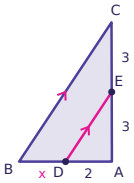
Task card 16 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



Task card 17 Triangle Proportionality & Angle B...

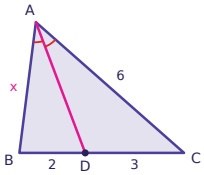
DE ∥ BC. Find x.



Task card 18 Triangle Proportionality & Angle B...

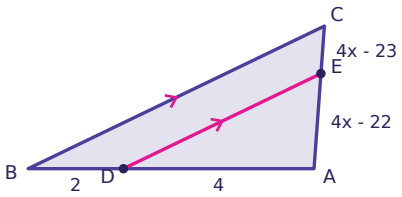
AD bisects ∠BAC.

Find x.



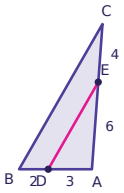
Task card 19 Triangle Proportionality & Angle B...

DE ∥ BC. AE = 4x - 22 and EC = 4x - 23. Find x.



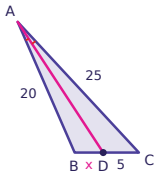
Task card 20 Triangle Proportionality & Angle B...

Use the lengths in the diagram. Is DE parallel to BC? Answer yes or no.



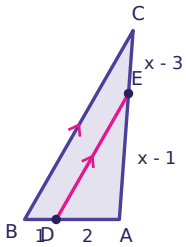
Task card 21 Triangle Proportionality & Angle B...

AD bisects ∠BAC. Find x.



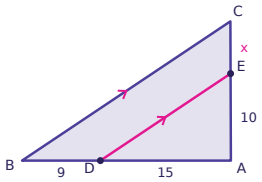
Task card 22 Triangle Proportionality & Angle B...

DE ∥ BC. AE = x - 1 and EC = x - 3. Find x.



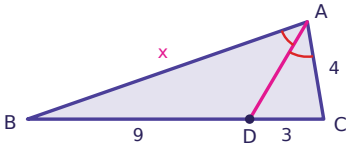
Task card 23 Triangle Proportionality & Angle B...

DE ∥ BC. Find x.



Task card 24 Triangle Proportionality & Angle B...

AD bisects ∠BAC. Find x.



Triangle Proportionality & Angle Bisector Theorems Task Cards

Recording sheet · Grade 10 · Use the diagram and the given information to answer each question.

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

Triangle Proportionality & Angle Bisector Theorems Task Cards: Answer Key

Grade 10 · Easy

The answers online

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