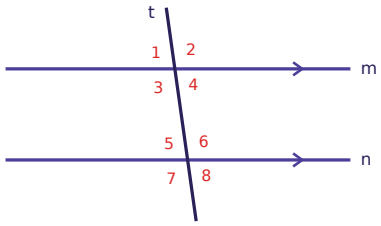
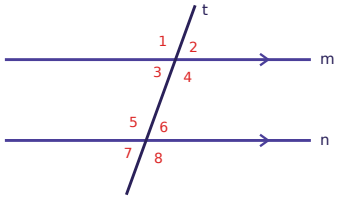
Task card 1 Parallel Lines & Transversals

$\angle 8 = 82°$. Find the measure of $\angle 4$.



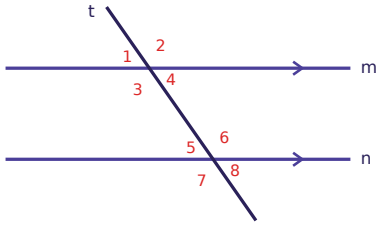
Task card 2 Parallel Lines & Transversals

What kind of angle pair are $\angle 4$ and $\angle 1$: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



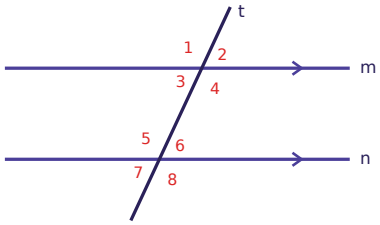
Task card 3 Parallel Lines & Transversals

$\angle 8 = 55°$. Find the measure of $\angle 7$.



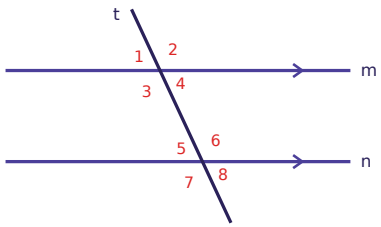
Task card 4 Parallel Lines & Transversals

$\angle 7 = 65°$. Find the measure of $\angle 6$.



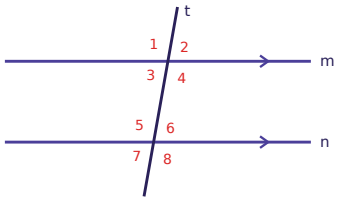
Task card 5 Parallel Lines & Transversals

$\angle 7 = 115°$. Find the measure of $\angle 4$.



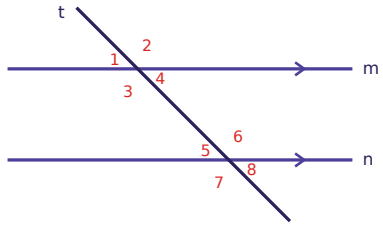
Task card 6 Parallel Lines & Transversals

What kind of angle pair are $\angle 7$ and $\angle 3$: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



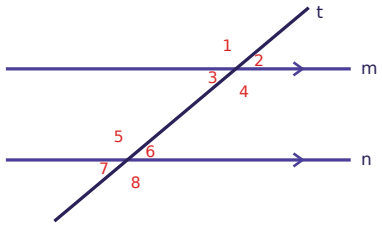
Task card 7 Parallel Lines & Transversals

∠6 = 135°. Find the measure of ∠2.



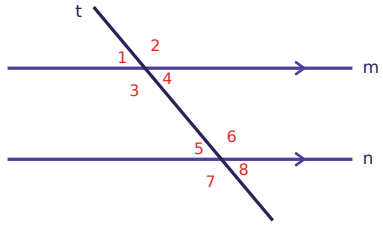
Task card 8 Parallel Lines & Transversals

∠8 = 140°. Find the measure of ∠6.



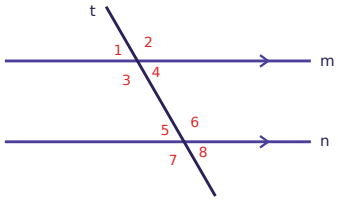
Task card 9 Parallel Lines & Transversals

∠3 = 130°. Find the measure of ∠7.



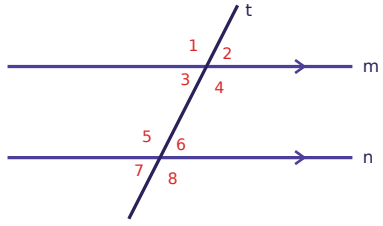
Task card 10 Parallel Lines & Transversals

What kind of angle pair are ∠2 and ∠6: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



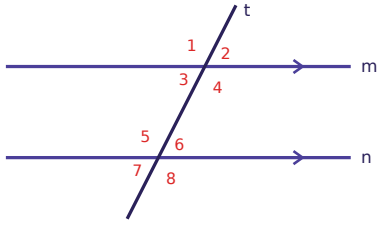
Task card 11 Parallel Lines & Transversals

∠6 = 63°. Find the measure of ∠4.



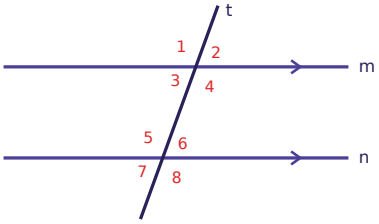
Task card 12 Parallel Lines & Transversals

∠5 = 117°. Find the measure of ∠7.



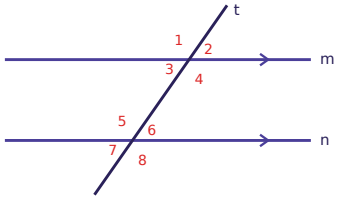
Task card 13 Parallel Lines & Transversals

∠5 = 110°. Find the measure of ∠4.



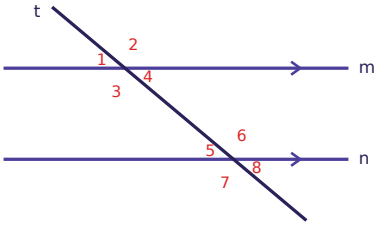
Task card 14 Parallel Lines & Transversals

What kind of angle pair are ∠4 and ∠6: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



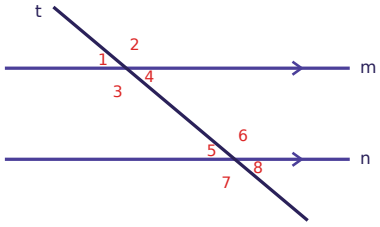
Task card 15 Parallel Lines & Transversals

∠3 = 140°. Find the measure of ∠4.



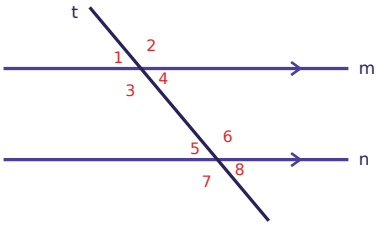
Task card 16 Parallel Lines & Transversals

∠1 = 40°. Find the measure of ∠8.



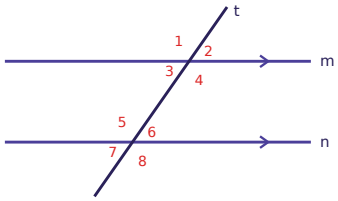
Task card 17 Parallel Lines & Transversals

∠8 = 50°. Find the measure of ∠2.



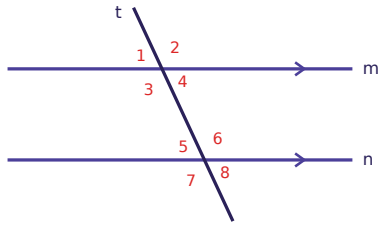
Task card 18 Parallel Lines & Transversals

What kind of angle pair are ∠8 and ∠4: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



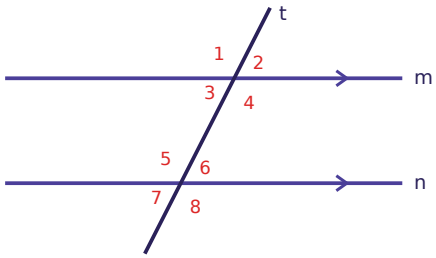
Task card 19 Parallel Lines & Transversals

$\angle 5 = 65°$. Find the measure of $\angle 4$.



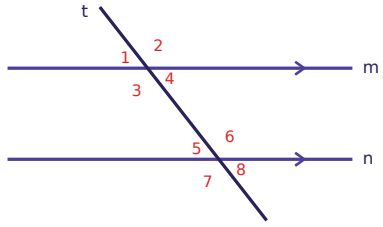
Task card 20 Parallel Lines & Transversals

$\angle 6 = (4x + 23)°$ and $\angle 7 = (2x + 43)°$. Find x.



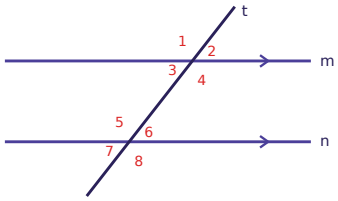
Task card 21 Parallel Lines & Transversals

$\angle 2 = 128°$. Find the measure of $\angle 7$.



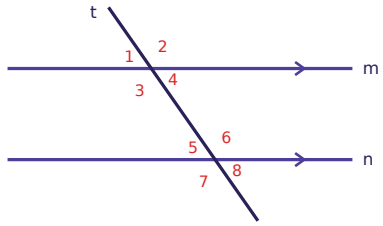
Task card 22 Parallel Lines & Transversals

What kind of angle pair are $\angle 3$ and $\angle 5$: corresponding, alternate interior, alternate exterior, same-side interior, or vertical?



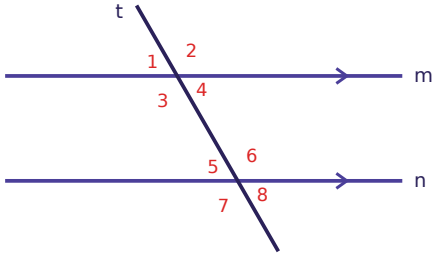
Task card 23 Parallel Lines & Transversals

$\angle 1 = 55°$. Find the measure of $\angle 7$.



Task card 24 Parallel Lines & Transversals

$\angle 3 = (2x + 92)°$ and $\angle 6 = (5x + 50)°$. Find x.



Parallel Lines & Transversals Task Cards

Recording sheet · Grade 8 · Lines m and n are parallel and t is a transversal. Angles are in degrees; write numbers without the ° sign.

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

Parallel Lines & Transversals Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. 82	**2.** vertical	**3.** 125
4. 65	**5.** 65	**6.** corresponding
7. 135	**8.** 40	**9.** 130
10. corresponding	**11.** 117	**12.** 63
13. 110	**14.** same-side interior	**15.** 40
16. 40	**17.** 130	**18.** corresponding
19. 65	**20.** x = 10	**21.** 128
22. same-side interior	**23.** 125	**24.** x = 14