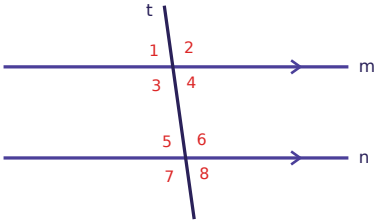
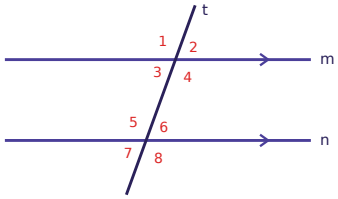
**Task card 1** Parallel Lines & Transversals

∠8 = 82°. Find the measure of ∠4.



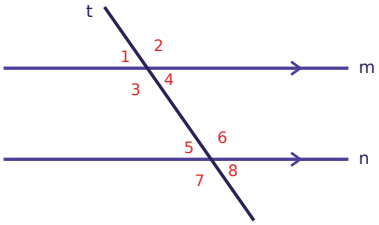

**Task card 2** Parallel Lines & Transversals

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



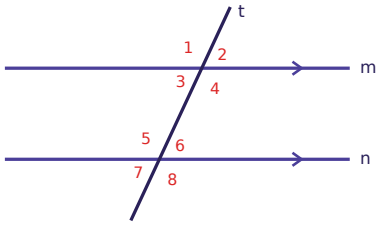

**Task card 3** Parallel Lines & Transversals

∠8 = 55°. Find the measure of ∠7.



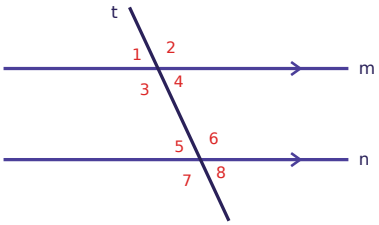

**Task card 4** Parallel Lines & Transversals

∠7 = 65°. Find the measure of ∠6.



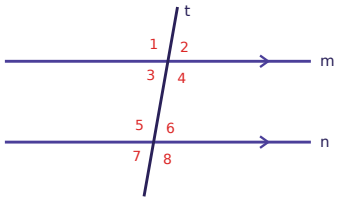

**Task card 5** Parallel Lines & Transversals

∠7 = 115°. Find the measure of ∠4.



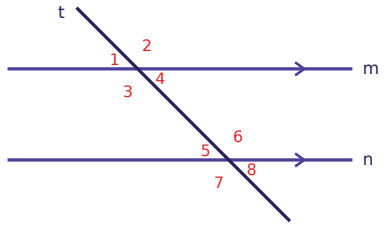

**Task card 6** Parallel Lines & Transversals

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



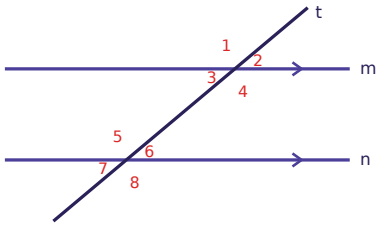
**Task card 7** Parallel Lines & Transversals

∠6 = 135°. Find the measure of ∠2.



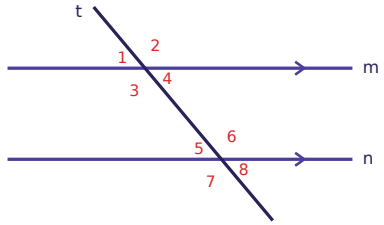

**Task card 8** Parallel Lines & Transversals

∠8 = 140°. Find the measure of ∠6.



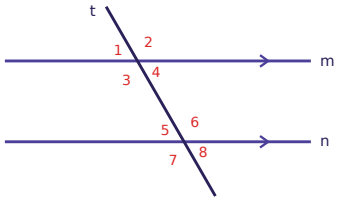

**Task card 9** Parallel Lines & Transversals

∠3 = 130°. Find the measure of ∠7.



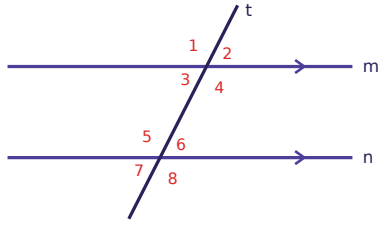

**Task card 10** Parallel Lines & Transversals

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



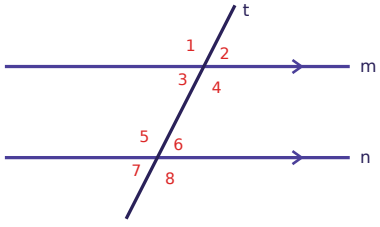

**Task card 11** Parallel Lines & Transversals

∠6 = 63°. Find the measure of ∠4.



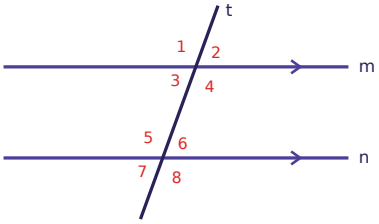

**Task card 12** Parallel Lines & Transversals

∠5 = 117°. Find the measure of ∠7.



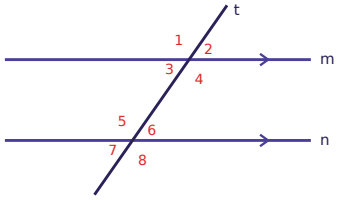
**Task card 13** Parallel Lines & Transversals

∠5 = 110°. Find the measure of ∠4.



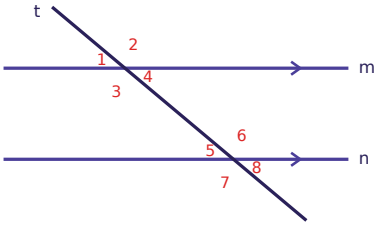

**Task card 14** Parallel Lines & Transversals

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



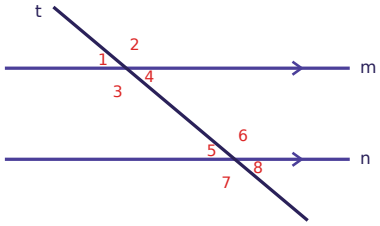

**Task card 15** Parallel Lines & Transversals

∠3 = 140°. Find the measure of ∠4.



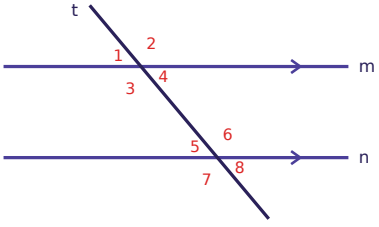

**Task card 16** Parallel Lines & Transversals

∠1 = 40°. Find the measure of ∠8.



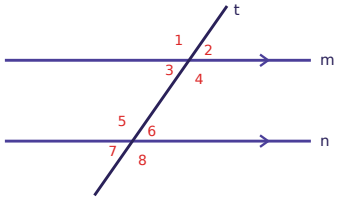

**Task card 17** Parallel Lines & Transversals

∠8 = 50°. Find the measure of ∠2.



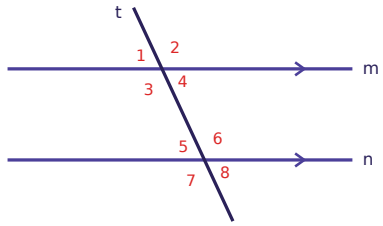

**Task card 18** Parallel Lines & Transversals

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



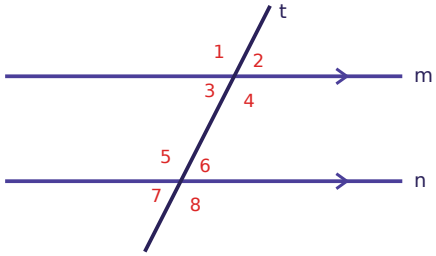
**Task card 19** Parallel Lines & Transversals

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



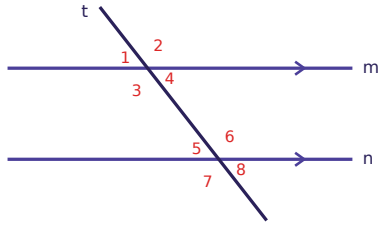

**Task card 20** Parallel Lines & Transversals

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



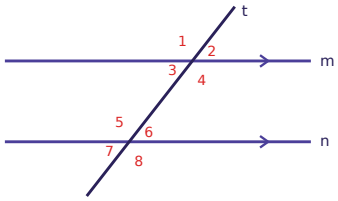

**Task card 21** Parallel Lines & Transversals

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



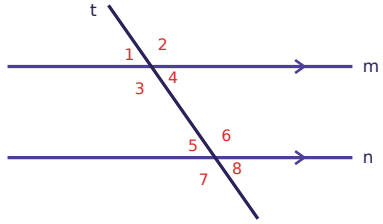

**Task card 22** Parallel Lines & Transversals

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



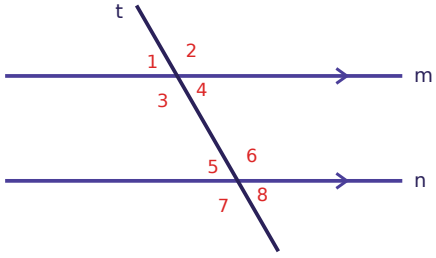

**Task card 23** Parallel Lines & Transversals

$\angle 1 = 55°$. 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.

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 |

# 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 |