Task card 1 All Angle Relationships: Mixed Rev...

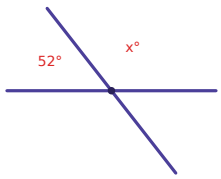
What is the name for two adjacent angles whose outer sides make a straight line? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

Task card 2 All Angle Relationships: Mixed Rev...

∠P and ∠Q are complementary. ∠P = 73°. Find the measure of ∠Q.

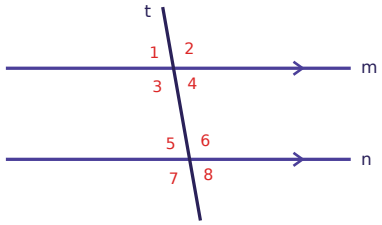
Task card 3 All Angle Relationships: Mixed Rev...

Two lines cross. Find the value of x.



Task card 4 All Angle Relationships: Mixed Rev...

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

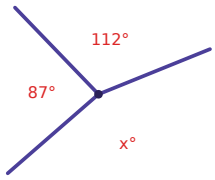


Task card 5 All Angle Relationships: Mixed Rev...

∠1 and ∠2 are supplementary. ∠1 = 37°. Find the measure of ∠2.

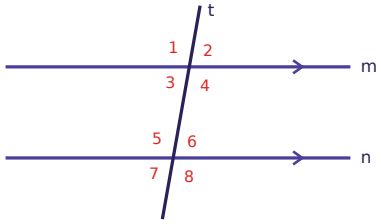
Task card 6 All Angle Relationships: Mixed Rev...

The angles meet at a point. Find the value of x.



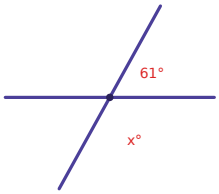
Task card 7 All Angle Relationships: Mixed Rev...

∠3 = 80°. Find the measure of ∠2.



Task card 8 All Angle Relationships: Mixed Rev...

Two lines cross. Find the value of x.



Task card 9 All Angle Relationships: Mixed Rev...

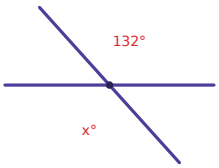
What is the name for two angles whose measures add up to 180°? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

Task card 10 All Angle Relationships: Mixed Rev...

∠1 and ∠2 are complementary. ∠1 = 39°. Find the measure of ∠2.

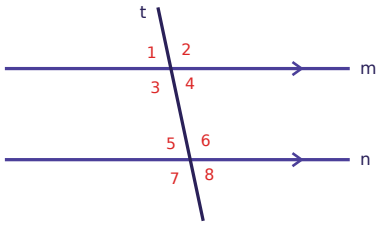
Task card 11 All Angle Relationships: Mixed Rev...

Two lines cross. Find the value of x.



Task card 12 All Angle Relationships: Mixed Rev...

What kind of angle pair are ∠4 and ∠5: corresponding, alternate interior, alternate exterior, same-side interior, vertical, or linear pair?

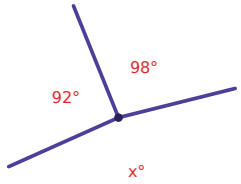


Task card 13 All Angle Relationships: Mixed Rev...

∠A and ∠B are supplementary. ∠A = 96°. Find the measure of ∠B.

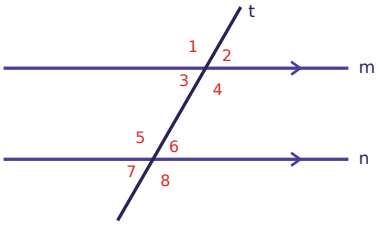
Task card 14 All Angle Relationships: Mixed Rev...

The angles meet at a point. Find the value of x.



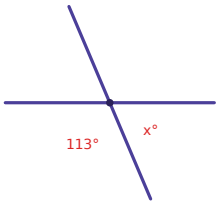
Task card 15 All Angle Relationships: Mixed Rev...

∠7 = 60°. Find the measure of ∠5.



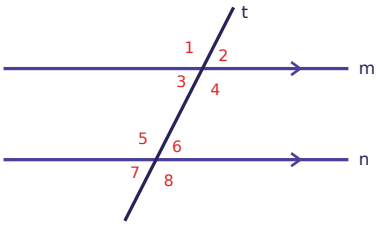
Task card 16 All Angle Relationships: Mixed Rev...

Two lines cross. Find the value of x.



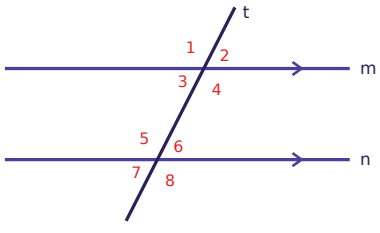
Task card 17 All Angle Relationships: Mixed Rev...

What kind of angle pair are ∠2 and ∠4: corresponding, alternate interior, alternate exterior, same-side interior, vertical, or linear pair?



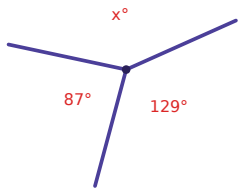
Task card 18 All Angle Relationships: Mixed Rev...

∠8 = 117°. Find the measure of ∠7.



Task card 19 All Angle Relationships: Mixed Rev...

The angles meet at a point. Find the value of x.

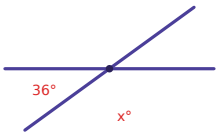


Task card 20 All Angle Relationships: Mixed Rev...

Two angles measure 40° and 140°. Are they complementary, supplementary, or neither?

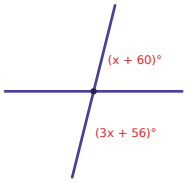
Task card 21 All Angle Relationships: Mixed Rev...

Two lines cross. Find the value of x.



Task card 22 All Angle Relationships: Mixed Rev...

Two lines cross. Find x.

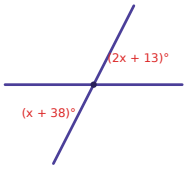


Task card 23 All Angle Relationships: Mixed Rev...

What is the name for two angles opposite each other where two lines cross? Choose: complementary, supplementary, vertical, adjacent, linear pair, or angles at a point.

Task card 24 All Angle Relationships: Mixed Rev...

Two lines cross. Find x.



All Angle Relationships: Mixed Review Task Cards

Recording sheet · Grade 8 · Name each relationship, or find the missing angle or x. Lines m and n are parallel. 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

All Angle Relationships: Mixed Review Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. linear pair	**2.** 17	**3.** 128
4. vertical	**5.** 143	**6.** 161
7. 80	**8.** 119	**9.** supplementary
10. 51	**11.** 132	**12.** alternate interior
13. 84	**14.** 170	**15.** 120
16. 67	**17.** linear pair	**18.** 63
19. 144	**20.** supplementary	**21.** 144
22. x = 16	**23.** vertical	**24.** x = 25