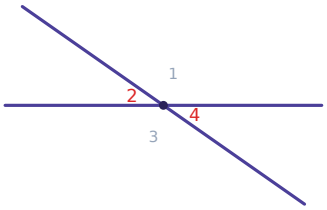
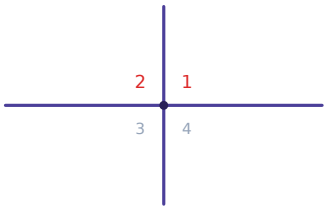
Task card 1 Angle Pairs: Complementary, Supple...

∠4 and ∠2 are vertical angles. m∠4 = 35°. Find m∠2.



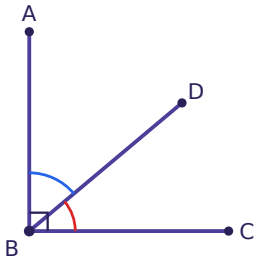
Task card 2 Angle Pairs: Complementary, Supple...

∠1 and ∠2 form a linear pair. m∠1 = 90°. Find m∠2.



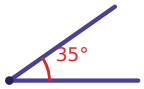
Task card 3 Angle Pairs: Complementary, Supple...

∠ABC is a right angle. m∠ABD = 50°. Find m∠DBC.



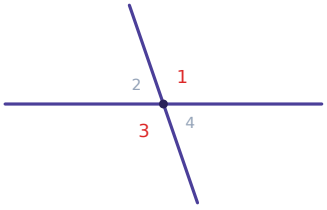
Task card 4 Angle Pairs: Complementary, Supple...

An angle measures 35°. Find the measure of its supplement.



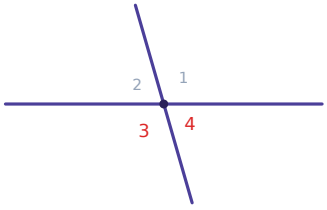
Task card 5 Angle Pairs: Complementary, Supple...

∠1 and ∠3 are vertical angles. m∠1 = 109°. Find m∠3.



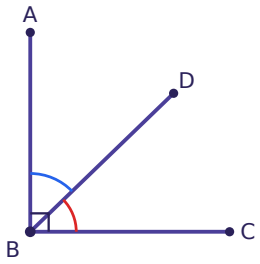
Task card 6 Angle Pairs: Complementary, Supple...

∠3 and ∠4 form a linear pair. m∠3 = 106°. Find m∠4.



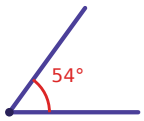
Task card 7 Angle Pairs: Complementary, Supple...

∠ABC is a right angle. m∠ABD = 46°. Find m∠DBC.



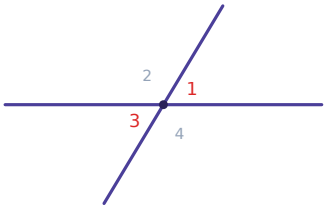
Task card 8 Angle Pairs: Complementary, Supple...

An angle measures 54°. Find the measure of its complement.



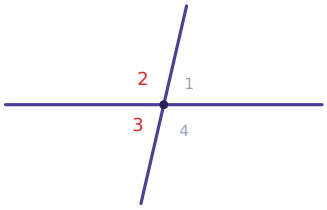
Task card 9 Angle Pairs: Complementary, Supple...

∠3 and ∠1 are vertical angles. m∠3 = 59°. Find m∠1.



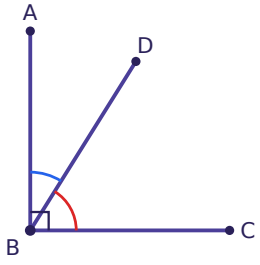
Task card 10 Angle Pairs: Complementary, Supple...

∠2 and ∠3 form a linear pair. m∠2 = 103°. Find m∠3.



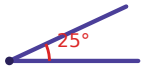
Task card 11 Angle Pairs: Complementary, Supple...

∠ABC is a right angle. m∠ABD = 32°. Find m∠DBC.



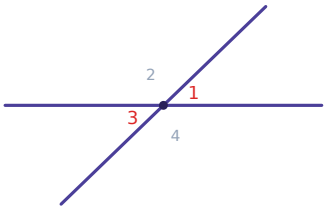
Task card 12 Angle Pairs: Complementary, Supple...

An angle measures 25°. Find the measure of its complement.



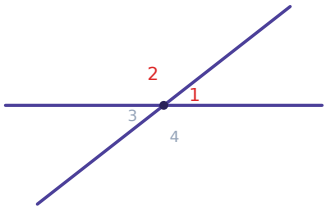
Task card 13 Angle Pairs: Complementary, Supple...

∠3 and ∠1 are vertical angles. m∠3 = 44°. Find m∠1.



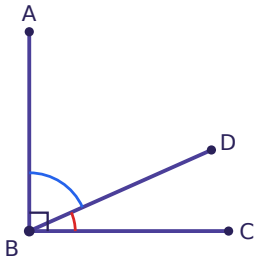
Task card 14 Angle Pairs: Complementary, Supple...

∠1 and ∠2 form a linear pair. m∠1 = 38°. Find m∠2.



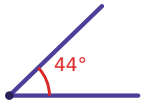
Task card 15 Angle Pairs: Complementary, Supple...

∠ABC is a right angle. m∠ABD = 66°. Find m∠DBC.



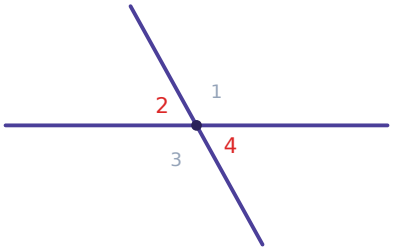
Task card 16 Angle Pairs: Complementary, Supple...

An angle measures 44°. Find the measure of its supplement.



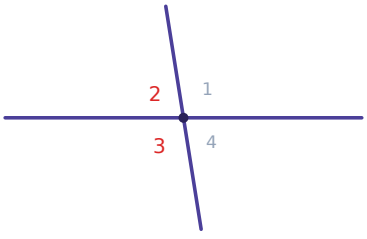
Task card 17 Angle Pairs: Complementary, Supple...

m∠2 = (6x + 7)° and m∠4 = (3x + 34)°. Find x.



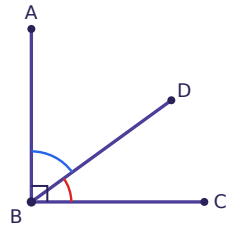
Task card 18 Angle Pairs: Complementary, Supple...

∠2 and ∠3 form a linear pair. m∠2 = (5x + 41)° and m∠3 = (7x + 43)°. Find x.



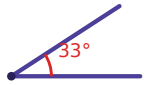
Task card 19 Angle Pairs: Complementary, Supple...

∠ABD and ∠DBC are complementary. m∠ABD = (3x + 30)° and m∠DBC = (x + 28)°. Find x.



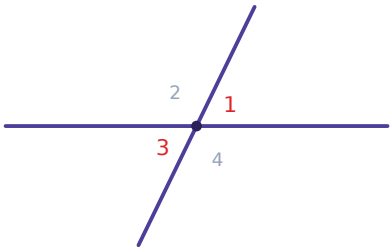
Task card 20 Angle Pairs: Complementary, Supple...

An angle measures 33°. Find the measure of its complement.



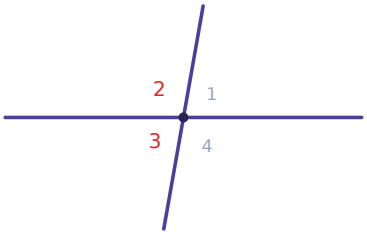
Task card 21 Angle Pairs: Complementary, Supple...

m∠1 = (7x + 8)° and m∠3 = (5x + 24)°. Find x.



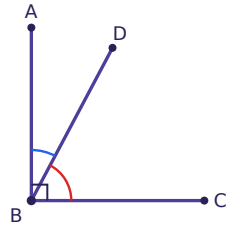
Task card 22 Angle Pairs: Complementary, Supple...

∠2 and ∠3 form a linear pair. m∠2 = (14x + 16)° and m∠3 = (7x + 38)°. Find x.



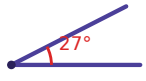
Task card 23 Angle Pairs: Complementary, Supple...

∠ABD and ∠DBC are complementary. m∠ABD = (6x + 4)° and m∠DBC = (5x + 42)°. Find x.



Task card 24 Angle Pairs: Complementary, Supple...

An angle measures 27°. Find the measure of its supplement.



Angle Pairs: Complementary, Supplementary & Vertical Task Cards

Recording sheet · Grade 10 · Use the angle relationships in each diagram to answer the 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

Angle Pairs: Complementary, Supplementary & Vertical Task Cards: Answer Key

Grade 10 · Easy

The answers online

1. 35°	**2.** 90°	**3.** 40°
4. 145°	**5.** 109°	**6.** 74°
7. 44°	**8.** 36°	**9.** 59°
10. 77°	**11.** 58°	**12.** 65°
13. 44°	**14.** 142°	**15.** 24°
16. 136°	**17.** 9	**18.** 8
19. 8	**20.** 57°	**21.** 8
22. 6	**23.** 4	**24.** 153°