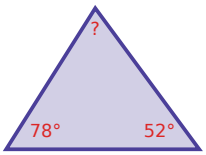
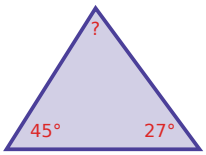
**Task card 1** Triangle & Angle Relationships

A triangle has angles of 78° and 52°. What is the third angle?



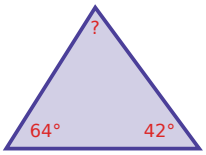

**Task card 2** Triangle & Angle Relationships

A triangle has angles of 45° and 27°. What is the third angle?



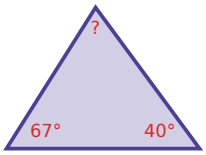

**Task card 3** Triangle & Angle Relationships

A triangle has angles of 64° and 42°. What is the third angle?



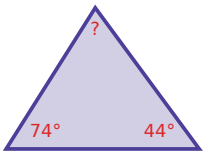

**Task card 4** Triangle & Angle Relationships

A triangle has angles of 67° and 40°. What is the third angle?



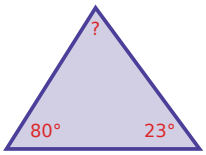

**Task card 5** Triangle & Angle Relationships

A triangle has angles of 74° and 44°. What is the third angle?



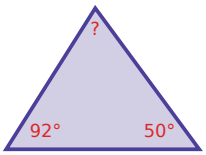

**Task card 6** Triangle & Angle Relationships

A triangle has angles of 80° and 23°. What is the third angle?



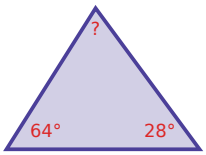
**Task card 7** Triangle & Angle Relationships

A triangle has angles of 92° and 50°. What is the third angle?



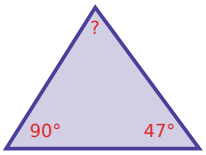

**Task card 8** Triangle & Angle Relationships

A triangle has angles of 64° and 28°. What is the third angle?



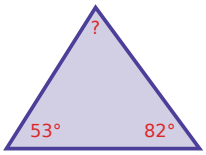

**Task card 9** Triangle & Angle Relationships

A triangle has angles of 90° and 47°. What is the third angle?



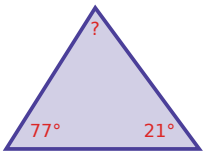

**Task card 10** Triangle & Angle Relationships

A triangle has angles of 53° and 82°. What is the third angle?



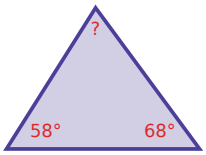

**Task card 11** Triangle & Angle Relationships

A triangle has angles of 77° and 21°. What is the third angle?



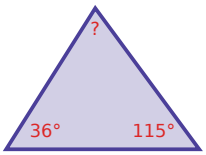

**Task card 12** Triangle & Angle Relationships

A triangle has angles of 58° and 68°. What is the third angle?



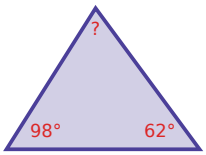
**Task card 13** Triangle & Angle Relationships

A triangle has angles of 36° and 115°. What is the third angle?



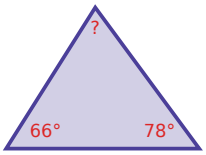

**Task card 14** Triangle & Angle Relationships

A triangle has angles of 98° and 62°. What is the third angle?



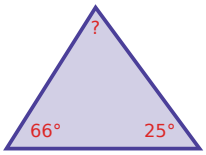

**Task card 15** Triangle & Angle Relationships

A triangle has angles of 66° and 78°. What is the third angle?



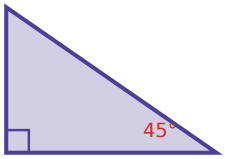

**Task card 16** Triangle & Angle Relationships

A triangle has angles of 66° and 25°. What is the third angle?



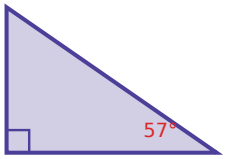

**Task card 17** Triangle & Angle Relationships

In a right triangle, one acute angle measures 45°. What is the other acute angle?



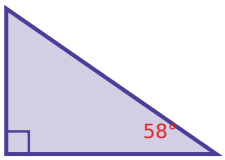

**Task card 18** Triangle & Angle Relationships

In a right triangle, one acute angle measures 57°. What is the other acute angle?



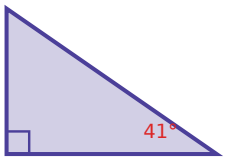
**Task card 19** Triangle & Angle Relationships

In a right triangle, one acute angle measures 58°. What is the other acute angle?



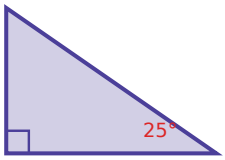

**Task card 20** Triangle & Angle Relationships

In a right triangle, one acute angle measures 41°. What is the other acute angle?



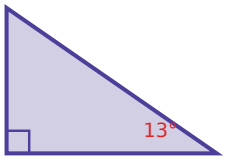

**Task card 21** Triangle & Angle Relationships

In a right triangle, one acute angle measures 25°. What is the other acute angle?



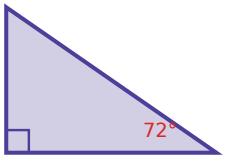

**Task card 22** Triangle & Angle Relationships

In a right triangle, one acute angle measures 13°. What is the other acute angle?



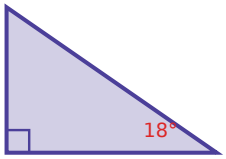

**Task card 23** Triangle & Angle Relationships

In a right triangle, one acute angle measures 72°. What is the other acute angle?




**Task card 24** Triangle & Angle Relationships

In a right triangle, one acute angle measures 18°. What is the other acute angle?



# Triangle & Angle Relationships Task Cards

Recording sheet · Grade 10 · Find the missing angle, in degrees.

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 |

# Triangle & Angle Relationships Task Cards: Answer Key

Grade 10 · Medium

The answers online

| | | |
|---|---|---|
| **1.** 50° | **2.** 108° | **3.** 74° |
| **4.** 73° | **5.** 62° | **6.** 77° |
| **7.** 38° | **8.** 88° | **9.** 43° |
| **10.** 45° | **11.** 82° | **12.** 54° |
| **13.** 29° | **14.** 20° | **15.** 36° |
| **16.** 89° | **17.** 45° | **18.** 33° |
| **19.** 32° | **20.** 49° | **21.** 65° |
| **22.** 77° | **23.** 18° | **24.** 72° |