Quarter, half and full turns

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Quarter, half and full turns

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

A turn changes direction. A full turn returns to the starting direction; half a turn faces the opposite way; one quarter is half of a half-turn.

Clockwise follows the direction of clock hands. Anticlockwise goes the other way. State both the size and direction of a turn.

Worked example

Start facing north. Turn one quarter clockwise.

A full turn has four quarter-turns.

From north, the first clockwise quarter-turn points east.

Answer: East

Try it yourself

Name: _____ Date: _____

1. Face north. Make a quarter-turn clockwise. Which direction do you face?

2. Face north. Make a half-turn. Which direction do you face?

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. East

A clockwise quarter-turn moves north to east.

2. South

A half-turn points in the opposite direction.

Curriculum reference: VC2M2M05

Independent original resource. Not published or endorsed by VCAA. This focused set supports the listed skills; it is not a complete course or an official assessment.

This free preview may be shared intact with attribution. Not for sale.