

Master Maths 8 Worksheet 48

True Bearings

48

Name: _____

1. Compass directions may be given as **true bearings** - the angle measured from North in a clockwise direction.

Complete this table. The first two examples are completed for you.

Compass Direction	True Bearing
E	90°
S 20° W	200°
W	
S 20° E	
NW	
NE	
	50°
	135°
	180°
	350°

2. Find the angle between the compass points below, **always moving in a clockwise direction** when finding the angle.

For example:

The angle between N & E is 90°

The angle between N & W is 270°

Compass Points		Angle Between
E	SW	
N 20° E	N 70° E	
N 30° W	S	
N	S 20° E	
S 10° E	N 60° W	

3. Use a protractor to find the direction (to the nearest 10°) a plane would need to travel along the following routes. Give your answers **both** as a compass direction and a true bearing.



Route	Compass Direction	True Bearing
Melbourne to Sydney		
Brisbane to Perth		
Hobart to Darwin		

4. Unscramble to find words from this worksheet:

SEAT

STEW

SHOUT

THORN

MOSSCAP