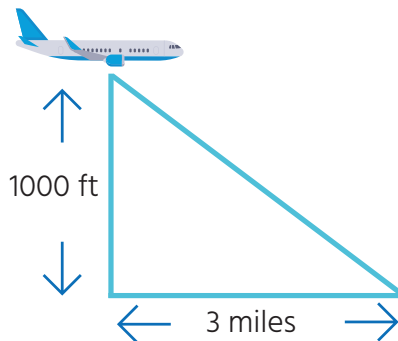# A DAY IN THE LIFE OF A PILOT

Quiz questions
Maths

BURNING FUEL

1. A 2-engine plane is burning fuel at a rate of 1,200 kg per hour, per engine.
If the plane has 4,800 kg of fuel, how long can the plane fly for?

2. A 2-engine plane is burning fuel at a rate of 1,100 kg per hour, per engine.
If the plane has 6,600 kg of fuel, how long can the plane fly for?
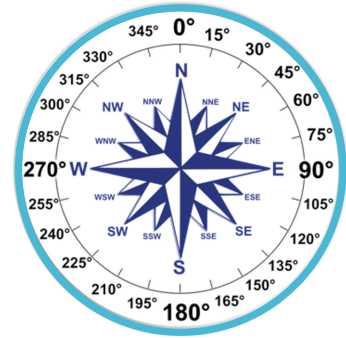
DESCENT RATES

1000 ft

3 miles

3. A plane takes 3 miles to descend 1000 ft.
If your plane is flying at 36,000 ft, how many miles from the airport should it start its descent?

4. A plane descends 1000 ft for every 3 miles it travels.
If your plane is flying at 38,000 ft, how many miles from the airport should it start its descent?

Explore LEARNING

Celebrating **BLACK HISTORY**

Quiz questions
Maths

COMPASS HEADINGS

5. You are on a heading of 060° and you turn right by 175°, what is your new heading?

6. You are on a heading of 310° and you turn left by 075°, what is your new heading?

FLIGHT TIMES

7. You are on a flight from Edinburgh to Athens and the flight time is 3 hrs 30 min. Greece is 2 hours ahead of UK time. If you leave at 7:30 am UK time, what time will you land in Athens, Greek time?

8. You are on a flight from Amsterdam to London and the flight time 45 min. Amsterdam is 1 hour ahead of UK time. If you leave at 09:15 am Amsterdam time, what time will you land in London, UK time?

Answers:

1. 2 hours
2. 3 hours
3. 108 miles
4. 114 miles
5. 235°
6. 215°
7. 1 pm
8. 9 am