

## Thursday (answers) – LO: convert between miles and kilometres.

### Varied fluency

#### Developing

- 1a. 15 miles, 16km, 20 miles
- 2a. False, 16 km is equivalent to 10 miles
- 3a. Isaac
- 4a. 50 miles  $\approx$  80km, 10 miles  $\approx$  16km, 20 miles  $\approx$  32km, 15 miles  $\approx$  24 km

#### Expected

- 5a. 10 miles, 1.6km, 200 miles
- 6a. False. 25 miles  $\approx$  40km
- 7a. Sam
- 8a. 2.5 miles  $\approx$  4km, 5 miles  $\approx$  8km, 1.5 miles  $\approx$  2.4km, 4.5 miles  $\approx$  7.2km

#### Greater Depth

- 9a. 0.25 miles, 1.2km, 1.25 miles
- 10a. False. 75% of 20 miles = 15 miles which is equivalent to 24km.
- 11a. Jacob
- 12a. 0.15 miles  $\approx$  0.24km, 0.3 miles  $\approx$  0.48km, 0.35km  $\approx$  0.56km, 1.05 miles  $\approx$  1.68km

### Reasoning and problem solving

#### Developing

- 1a. 56km
- 2a. She is not correct. 64km is equivalent to 40 miles.
- 3a. 10 miles

#### Expected

- 4a. 15.2km
- 5a. She is not correct. 7.2km is equivalent to 4.5 miles
- 6a. 100 miles.

#### Greater Depth

- 7a. 26km
- 8a. She is not correct. Half a mile is equivalent to four fifths of a km or 0.8km.
- 9a. 5 miles