

**Inenga B — Measurement Items B**

**Approach:** Independent

**Focus:** Various measurement items.

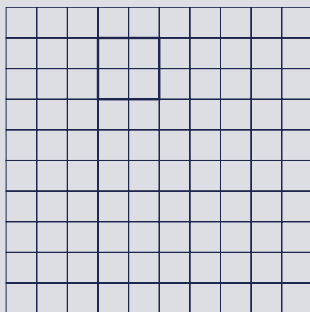
**Resources:** None.



**Questions/instructions:**

1. Draw a square that is four times the area of the square shown.

Mahia he tapawhā kia rahi atu mā te 4 whakaraupunga i te tapawhā i raro nei.

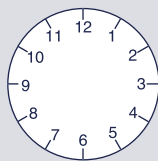


	% responses	
	GEd	MI
4x4	60	31
X 8x8	15	9

2. Explain how you know that it is four times as big.

Whakamāramatia mai nā te aha koe i mōhio ai i rahi atu mā te 4 whakaraupunga.

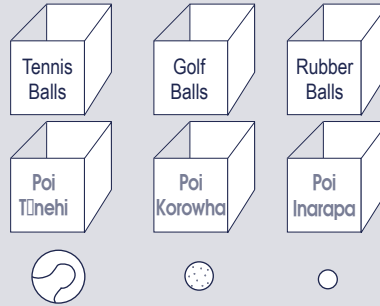
not marked



4. What number would the minute hand point to at 10 past 8?

Ko tēhea te nama ka tohua e te ringa meneti mō te 10 meneti pāhi i te 8?

2	87	84
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5. Linda has three large boxes all the same size and three different kinds of balls as shown below. If she fills each box with the kind of balls shown, which box will have the fewest balls in it?

E 3 ngā pouaka nui a Linda, he ōrite te nui, ā, e 3 hoki ngā momo poi rerekē. Kei raro nei e whakaatu ana. Mēnā ka whakakiia ia pouaka i ngā momo poi e whakaaturia nei, ko tēhea te pouaka ka iti noa ngā poi.

	% responses	
	GEd	MI

**A** The box with the tennis balls.  
Te pouaka o ngā poi tēnehi.

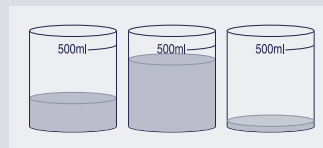
A	64	36
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**B** The box with the golf balls.  
Te pouaka o ngā poi korowha.

**C** The box with the rubber balls.  
Te pouaka o ngā poi inarapa.

**D** You can't tell.  
Kare e taea te whakamārama.

6. The cups shown contain different amounts of water.



Which cup has about 200 millilitres of water in it?

He rerekē te nui o te wai kei roto i ngā kapu nei.

Ko tēhea te kapu e 200 ritamano (mls) te wai kei roto?

**A** A

A	74	67
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**B** B

**C** C

**Commentary**

Statistical comparisons are not appropriate because of difficulties with Māori language for questions 1 and 5.