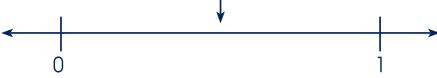
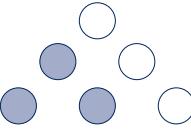


Approach:	Independent
Focus:	Understanding number and number operations
Resources:	Te puka whakautu
Kupu:	wāhi kauruku = shaded area whakatau tata = estimate

Questions / instructions:	% response	% response
Tāpirihia te kotahi rau ki te		
1. 700	800	98
2. 15 735	15 835	88
3. 23 940	24 040	67
Whakareatia (whakarautia) ēnei tau ki te kotahi rau		
4. 12	1200	50
5. 316	31 600	36
6. 5.3	530	5
7. Ko tēhea te tau tino pai hei whakaatu i te rahi o te wāhi kauruku o te pouaka?		
A 0.02		
B 0.12		
C 0.30		
D 0.32		
E 0.52		
8.		
		
Whakatau tata i te tau ā-ira e tohua ana i tēnei rārangī tau.	0.5	21
9. He aha te tau e 4 te iti ake i te 34,000?	33 996	21
10. Ko tēhea o ēnei te tau nui rawa atu? Kaua e whakaoti tūturu, engari me whakatau tata.		
A $29 + 0.8$		
B 29×0.8		
C $29 \div 0.8$		
D $29 - 0.8$		
11. He aha te hautau o te wāhi kauruku?		
A $\frac{1}{2}$		
B $\frac{2}{6}$		
C $\frac{4}{6}$		
D $\frac{4}{2}$		
		
Commentary:		

Students were relatively successful with the more simple computational items and were less successful with the questions involving fractional numbers.