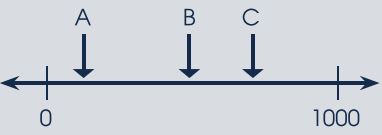
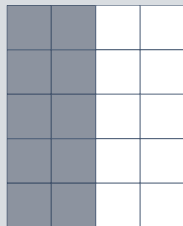


Number Items C

Approach: Independent Level: Year 4 and year 8
Focus: Understanding number and number operations.
Resources: None.

Questions/instructions:		% responses	
Multiply by ten:		y4	y8
1. 6	60	64	92
2. 78	780	26	83
3. 3.14	31.4	•	39
Write in figures:			
4. Five hundred and eighty	580	74	91
5. Two thousand five hundred and eighteen	2 518	63	89
6. Two hundred thousand and forty-three	200 043	11	50
7. Without working out the exact answer, what is the best estimate for 21×19 ?			
A 200			
B 300			
C 400	C •	54	
D 500			
8. Five children each have 15 marbles. Which of these tells us how many marbles they have altogether?			
A $5 + 15$			
B $15 + 15 + 15 + 15 + 15$	B 60	79	
C $15 \div 5$			
D $5 + 5 + 5 + 5 + 5$			
Estimate the number shown by each arrow.			
			
9.	A 75-175	37	51
10.	B 450-550	26	60
11.	C 650-750	30	53
12. Which fraction represents the largest amount?			
A $\frac{5}{6}$	A •	56	
B $\frac{5}{7}$			
C $\frac{5}{8}$			
D $\frac{5}{9}$			

Questions/instructions:		% responses	
		y4	y8
13. Only one of the answers is correct. Without calculating, decide which one it is.			
A $45 \times 1.05 = 39.65$			
B $4.5 \times 6.5 = 292.5$			
C $87 \times 1.076 = 93.61$	C •	32	
D $585 \times 0.95 = 595.45$	X D •	32	
14. What is the difference between $\frac{3}{4}$ and $\frac{1}{4}$?			
A $\frac{3}{4}$			
B $\frac{1}{2}$	B 33	50	
C $\frac{1}{4}$			
D 2			
15. What fraction is equivalent to $\frac{1}{3}$?			
A $\frac{1}{6}$			
B $\frac{1}{4}$			
C $\frac{2}{6}$	C •	69	
D $\frac{2}{4}$			
16. A fruit bar 11 cm long is cut into 2 equal pieces. How long will each piece be?			
5.5 (with or without "cm")	35	81	
How much of this area is shaded?			
			
17. As a fraction:	$\frac{1}{2}$	or equivalent	47 83
18. As a decimal:	0.5	•	51
19. As a percentage:	50%	•	70
20. Which of the following is closest to 10 seconds?			
A 9.1 seconds			
B 9.7 seconds			
C 9.9 seconds	C 63	92	
D 10.2 seconds			
• not asked for year 4			