

Estimating by rounding

A In each question

- Round each number to 1 significant figure to estimate the answer
- Calculate the exact answer

Question	Rounded question	Estimated answer	Exact answer
1. 6.7×31			
2. 8.9×54			
3. 7.8×96			
4. 4.36×23			
5. 7.43×46			
6. 5.42×38			
7. 12.54×34			
8. 75.52×45			
9. 69.37×68			

Estimating by rounding

B In each question

- Round each number to 1 significant figure to estimate the answer
- Calculate the exact answer

Question	Rounded question	Estimated answer	Exact answer
1. $36.8 \div 16$			
2. $88.4 \div 26$			
3. $89.6 \div 32$			
4. $68.18 \div 16$			
5. $29.145 \div 29$			
6. $342 \div 1.9$			
7. $8.89 \div 2.97$			
8. $27.45 \div 9.65$			
9. $114.3 \div 1.8$			

Estimating by rounding

A In each question

- Round each number to 1 significant figure to estimate the answer
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Question	Rounded question	Estimated answer	Exact answer
1. 6.7×31	7×30	210	207.7
2. 8.9×54	9×50	450	480.6
3. 7.8×96	8×100	800	748.8
4. 4.36×23	4×20	80	100.28
5. 7.43×46	7×50	350	341.78
6. 5.42×38	5×40	200	205.96
7. 12.54×34	10×30	300	426.36
8. 75.52×45	80×50	4000	3398.4
9. 69.37×68	70×70	4900	4717.16

Estimating by rounding

B In each question

- Round each number to 1 significant figure to estimate the answer
- Calculate the exact answer

Question	Rounded question	Estimated answer	Exact answer
1. $36.8 \div 16$	$40 \div 20$	2	2.3
2. $88.4 \div 26$	$90 \div 30$	3	3.4
3. $89.6 \div 32$	$90 \div 30$	3	2.8
4. $68.18 \div 16$	$70 \div 20$	3.5	4.26125
5. $29.145 \div 29$	$30 \div 30$	1	1.005
6. $342 \div 1.9$	$300 \div 2$	150	180
7. $8.89 \div 2.97$	$9 \div 3$	3	2.993
8. $27.45 \div 9.65$	$30 \div 10$	3	2.845
9. $114.3 \div 1.8$	$100 \div 2$	50	63.5