

<p>1)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>2) Use &gt; &lt; or =</p> <p>a) 5.7bn <input style="width: 40px; height: 20px;" type="text"/> 5.9m</p> <p>b) 6.6tn <input style="width: 40px; height: 20px;" type="text"/> 660bn</p> <p>c) 0.4bn <input style="width: 40px; height: 20px;" type="text"/> 400m</p> <p>d) 41.38tn <input style="width: 40px; height: 20px;" type="text"/> 50tn</p> <p>e) 1.3m <input style="width: 40px; height: 20px;" type="text"/> 1,300</p>	<p>3) Use &gt; &lt; or =</p> <p>a) 3.1tn <input style="width: 40px; height: 20px;" type="text"/> 8.6bn</p> <p>b) 9.4bn <input style="width: 40px; height: 20px;" type="text"/> 9400m</p> <p>c) 1.1bn <input style="width: 40px; height: 20px;" type="text"/> 99m</p> <p>d) 19.3tn <input style="width: 40px; height: 20px;" type="text"/> 20tn</p> <p>e) 1.7m <input style="width: 40px; height: 20px;" type="text"/> 1,700</p>
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<p>4) Round these numbers to the nearest tenth of its largest place</p> <p>_____ 6,696,051,458</p> <p>_____ 54,082,736</p> <p>_____ 8,006,995,000</p> <p>_____ 4,981,252,400,090</p> <p>_____ 9,092,830,211</p> <p>_____ 7,620,000,000,000</p>	<p>5) Rewrite these numbers with the correct number of zeros</p> <p>a) 8.5m _____</p> <p>b) 2.1bn _____</p> <p>c) 0.9tn _____</p> <p>d) 1.6bn _____</p> <p>e) 4.1m _____</p> <p>f) 5bn _____</p>
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Make up your own number below, then say it. (Note: you must use all the digits from 0-9 at least once)

Quintillions	Quadrillions	Trillions	Billions	Millions	Thousands	Ones
H T O	H T O	H T O	H T O	H T O	H T O	H T O
,	,	,	,	,	,	,

Write the missing numerals or number names

<p style="font-size: 1.2em;">73,315,205,900,601</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>_____</p>	<p>eight hundred and ten trillion, eighteen billion, one hundred and one million, three hundred and ninety-nine thousand, and sixty</p>

<p>1)</p> <p><u>6,779km</u></p> <p><u>12,742km</u></p> <p><u>49,244km</u></p> <p><u>1.4m km</u></p> <p><u>149.6m km</u></p> <p><u>227.9m km</u></p> <p><u>4.5bn km</u></p>	<p>2) Use &gt; &lt; or =</p> <p>a) 5.7bn <input type="text" value="&gt;"/> 5.9m</p> <p>b) 6.6tn <input type="text" value="&gt;"/> 660bn</p> <p>c) 0.4bn <input type="text" value="="/> 400m</p> <p>d) 41.38tn <input type="text" value="&lt;"/> 50tn</p> <p>e) 1.3m <input type="text" value="="/> 1,300</p>	<p>3) Use &gt; &lt; or =</p> <p>a) 3.1tn <input type="text" value="&gt;"/> 8.6bn</p> <p>b) 9.4bn <input type="text" value="="/> 9400m</p> <p>c) 1.1bn <input type="text" value="&gt;"/> 99m</p> <p>d) 19.3tn <input type="text" value="&lt;"/> 20tn</p> <p>e) 1.7m <input type="text" value="="/> 1,700</p>
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<p>4) Round these numbers to the nearest tenth of its largest place</p> <p><u>6.7bn</u>      6,696,051,458</p> <p><u>54.1m</u>      54,082,736</p> <p><u>8bn</u>      8,006,995,000</p> <p><u>5tn</u>      4,981,252,400,090</p> <p><u>9.1bn</u>      9,092,830,211</p> <p><u>7.6bn</u>      7,620,000,000,000</p>	<p>5) Rewrite these numbers with the correct number of zeros</p> <p>a) 8.5m      <u>8,500,000</u></p> <p>b) 2.1bn      <u>2,100,000,000</u></p> <p>c) 0.9tn      <u>900,000,000,000</u></p> <p>d) 1.6bn      <u>1,600,000,000</u></p> <p>e) 4.1m      <u>4,100,000</u></p> <p>f) 5bn      <u>5,000,000,000</u></p>
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Make up your own number below, then say it. (Note: you must use all the digits from 0-9 at least once)

Quintillions	Quadrillions	Trillions	Billions	Millions	Thousands	Ones
H T O	H T O	H T O	H T O	H T O	H T O	H T O
,	,	,	,	,	,	

Write the missing numerals or number names

<p><u>73,315,205,900,601</u></p>	<p><u>seventy-three trillion,</u></p> <p><u>three hundred and fifteen billion,</u></p> <p><u>two hundred and five million,</u></p> <p><u>nine hundred thousand,</u></p> <p><u>six hundred and one</u></p>
<p><u>810,018,101,399,060</u></p>	<p>eight hundred and ten trillion,</p> <p>eighteen billion,</p> <p>one hundred and one million,</p> <p>three hundred and ninety-nine thousand,</p> <p>and sixty</p>

1)

	x 10
2.74bn	
0.9m	
41,200	
80.6bn	

2)

	x 100
56bn	
42.9m	
3,200	
805bn	

3)

	x 1000
4.2bn	
3.66m	
901,000	
9.4m	

4)

	÷ 10
1.5bn	
0.9m	
21,500	
46bn	

5)

	÷ 100
22bn	
41.3m	
3.4tn	
80bn	

6)

	÷ 1000
4.7bn	
5.56bn	
402,000	
9.6tn	

Find the new amount after a 10% reduction in these numbers		
7) \$251 m	8) \$1.81 bn	9) \$9.6 bn

Work out the answers. Use the space for working.		
7) Australia's deficit as of April 2017 was \$551bn. If there was a 10% decrease in the deficit what would it be now?	8) A social media company was valued at \$4.4bn. Over a period of 2 years its value increased 25%. What is its value now?	9) Earth is 149.6m km from the sun, Mars is 227.9m km. What is the distance between the Earth and Mars at their closest points in orbit.

1)

	x 10
2.74bn	27.4bn
0.9m	9m
41,200	412,000
80.6bn	8.06bn

2)

	x 100
56bn	5.6tn
42.9m	4.29bn
3,200	320,000
805bn	80.5bn

3)

	x 1000
4.2bn	4.2tn
3.66m	3.66bn
901,000	901m
9.4m	9.4bn

4)

	÷ 10
1.5bn	0.15bn
0.9m	90,000
21,500	2150
46bn	4.6bn

5)

	÷ 100
22bn	220m
41.3m	413,000
3.4tn	34bn
80bn	800m

6)

	÷ 1000
4.7bn	4.7m
5.56bn	5.56m
402,000	402
9.6tn	9.6bn

Find the new amount after a 10% reduction in these numbers

7) \$251.0m

$$\begin{array}{r} 251.0 \\ - 25.1 \\ \hline 225.9m \end{array}$$

8) \$1.810bn

$$\begin{array}{r} 1.810 \\ - .181 \\ \hline 1.629bn \end{array}$$

9) \$9.60bn

$$\begin{array}{r} 9.60 \\ - .96 \\ \hline 8.64bn \end{array}$$

Work out the answers. Use the space for working.

7) Australia's deficit as of April 2017 was \$551bn. If there was a 10% decrease in the deficit what would it be now?

$$\begin{array}{r} 551.0 \\ - 55.1 \\ \hline 495.9bn \end{array}$$

8) A social media company was valued at \$4.4bn. Over a period of 2 years its value increased 25%. What is its value now?

25% is 1/4  
1/4 of 4.4 bn is 1.1 bn

$$\begin{array}{r} 4.4bn \\ + 1.1bn \\ \hline 5.5bn \end{array}$$

9) Earth is 149.6m km from the sun, Mars is 227.9m km. What is the distance between the Earth and Mars at their closest points in orbit.

$$\begin{array}{r} 227.9 \\ - 149.6 \\ \hline 78.3m \end{array}$$

1) Draw lines to match the mirrored numbers. The first one has been done for you. Shade each pair a matching colour.

Billions	Hundred millions	Ten millions	Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths	ten thousandths	hundred	millionths	ten millionths	hundred	billionths
8	4	5	1	9	0	4	5	0	6	5	8	9	0	2	1	7	5	3

2) Draw a millionth size block to scale. Shade the blocks these colours.  
Draw lines to match the labels.

One	yellow
tenth	orange
hundredth	green
thousandth	blue
ten thousandth	pink
hundred thousandth	purple
millionth	red

Labels to match the blocks:

- hundredth
- tenth
- hundred thousandth
- millionth
- One
- thousandth
- ten thousandth

3) When rounding to the nearest hundredth, circle the digit that shows whether the hundredth rounds up or down. Cross out all the others. Write the rounded number underneath.

53.9628043

\_\_\_\_\_

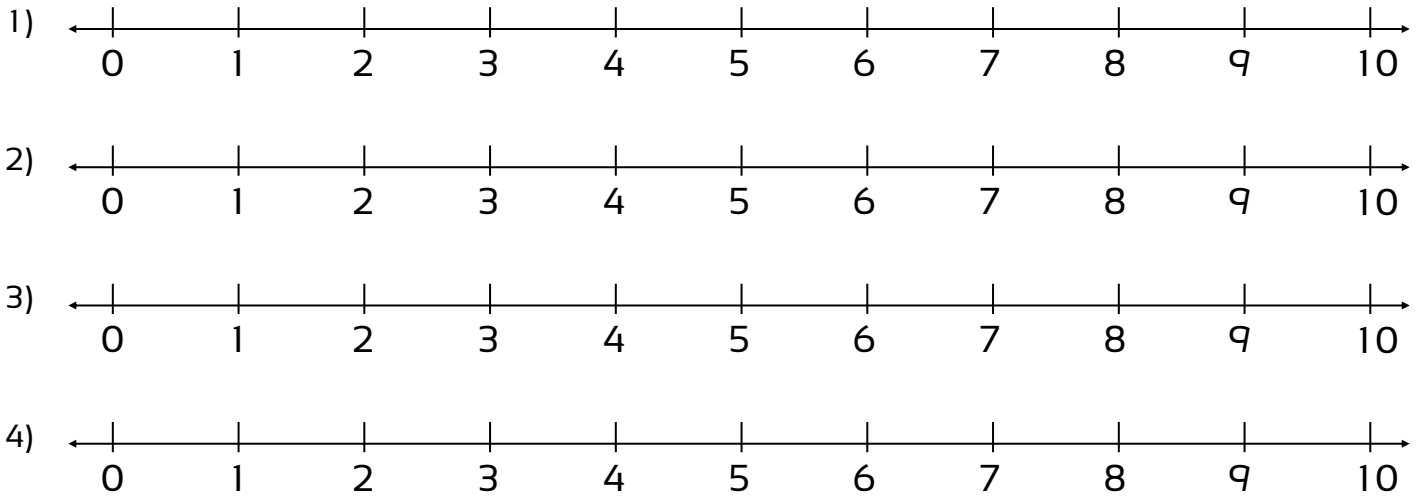
108.53589700708

\_\_\_\_\_

4) Round to the nearest hundredth

	nearest hundredth
2.759021	
5.9073255	
7.9253111	
10.50498599	
19.99099999	

Draw arrows to show the position of the numbers shown on screen

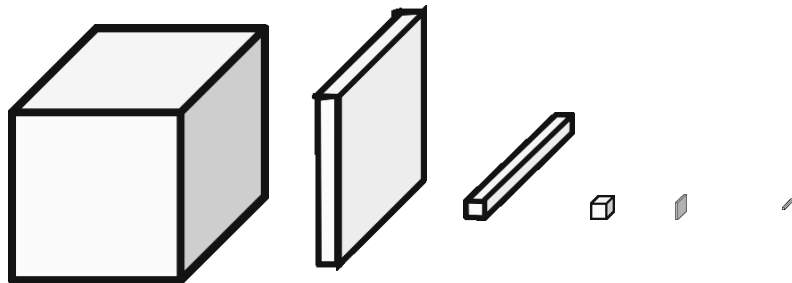


5) Draw lines to match the mirrored numbers. The first one has been done for you. Shade each pair a matching colour.

Billions	Hundred millions	Ten millions	Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths	ten thousandths	hundred	millionths	ten millionths	hundred	billionths
8	4	5	1	9	0	4	5	0	6	5	8	9	0	2	1	7	5	3

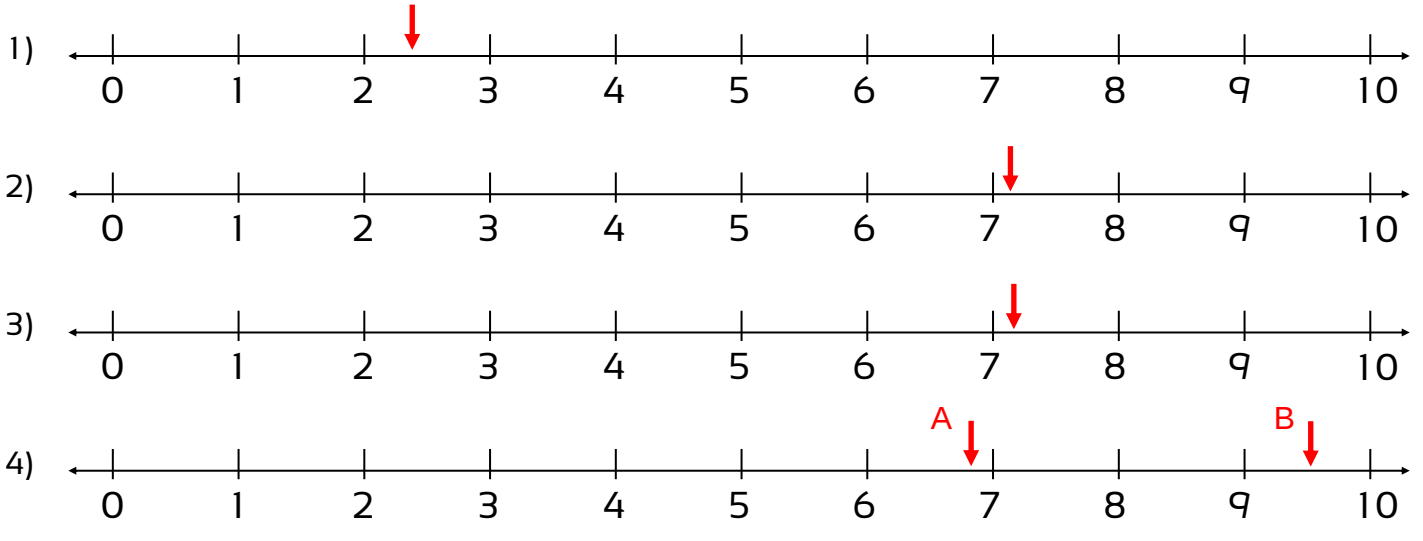
6) Draw lines to match the labels. Draw a millionth size block to scale. Shade the blocks these colours.

One	yellow
tenth	orange
hundredth	green
thousandth	blue
ten thousandth	pink
hundred thousandth	purple
millionth	red



- hundredth
- tenth
- hundred thousandth
- millionth
- One
- thousandth
- ten thousandth

Draw arrows to show the position of the numbers shown on screen



5) Draw lines to match the mirrored numbers. The first one has been done for you. Shade each pair a matching colour.

Billions	Hundred millions	Ten millions	Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths	ten thousandths	hundred	millionths	ten millionths	hundred	billionths
8	4	5	1	9	0	4	5	0	6	5	8	9	0	2	1	7	5	3

6) Draw lines to match the labels. Draw a millionth size block to scale. Shade the blocks these colours.

One	yellow
tenth	orange
hundredth	green
thousandth	blue
ten thousandth	pink
hundred thousandth	purple
millionth	red

1)	2)	3)	4)
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5)	5.78302 x 100	
	81.54007 ÷ 1000	
	4.79136 ÷ 100	

6)	20.0586 x 1000	
	7.005274 ÷ 100	
	0.579163 x 100	

7) When rounding to the nearest hundredth, circle the digit that shows whether the hundredth rounds up or down. Cross out all the others. Write the rounded number underneath.

53.9628043

\_\_\_\_\_

108.53589700708

\_\_\_\_\_

8) Round to the nearest hundredth

	nearest hundredth
2.759021	
5.9073255	
7.9253111	
10.50498599	
19.99099999	

Round to the nearest hundredth then calculate

9) 5.69325 + 15.69782	10) 14.00823 - 12.416	11) 6.24594 x 5	12) 14.823721 ÷ 6
13) 9.371322 + 5.3877	14) 13.0006 - 9.42426	15) 2.7609 x 8.003	16) 38.55826 ÷ 4.002



1) $\begin{array}{r} 4.57 \\ + 5.67 \\ \hline 10.24 \end{array}$	2) $\begin{array}{r} 7.2 \\ - 3.95 \\ \hline 3.25 \end{array}$	3) $\begin{array}{r} 8.38 \\ \times 6 \\ \hline 50.28 \end{array}$	4) $\begin{array}{r} 1.26 \\ 4 \overline{) 5.04} \end{array}$
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5) 5.78302 x 100	578.302
81.54007 ÷ 1000	0.08154007
4.79136 ÷ 100	0.0479136

6) 20.0586 x 1000	20,058.6
7.005274 ÷ 100	0.07005274
0.579163 x 100	57.9163

7) When rounding to the nearest hundredth, circle the digit that shows whether the hundredth rounds up or down. Cross out all the others. Write the rounded number underneath.

$$\begin{array}{r} 53.9\textcircled{6}\text{28043} \\ \hline 53.96 \end{array}$$

$$\begin{array}{r} 108.5\text{3589700708} \\ \hline 108.54 \end{array}$$

8) Round to the nearest hundredth

	nearest hundredth
2.759021	2.76
5.9073255	5.91
7.9253111	7.93
10.50498599	10.5
19.99099999	19.99

Round to the nearest hundredth then calculate

9) 5.69325 + 15.69782 $\begin{array}{r} 5.69 \\ + 15.7 \\ \hline 21.39 \end{array}$	10) 14.00823 - 12.416 $\begin{array}{r} 14.01 \\ - 12.42 \\ \hline 1.59 \end{array}$	11) 6.24594 x 5 $\begin{array}{r} 6.25 \\ \times 5 \\ \hline 31.25 \end{array}$	12) 14.823721 ÷ 6 $\begin{array}{r} 2.47 \\ 6 \overline{) 14.82} \end{array}$
13) 9.371322 + 5.3877 $\begin{array}{r} 9.37 \\ + 5.39 \\ \hline 14.76 \end{array}$	14) 13.0006 - 9.42426 $\begin{array}{r} 13.00 \\ - 9.42 \\ \hline 3.58 \end{array}$	15) 2.7609 x 8.003 $\begin{array}{r} 2.76 \\ \times 8 \\ \hline 22.08 \end{array}$	16) 38.55826 ÷ 4.002 $\begin{array}{r} 9.64 \\ 4 \overline{) 38.56} \end{array}$