



1)	Number in Digits	Number in Words	Place Value Representation												
	352 124	three hundred and fifty-two thousand, one hundred and twenty-four	<table border="1"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>● ● ●</td> <td>● ● ● ● ●</td> <td>● ●</td> <td>●</td> <td>● ●</td> <td>● ● ● ●</td> </tr> </tbody> </table>	HTh	TTh	Th	H	T	O	● ● ●	● ● ● ● ●	● ●	●	● ●	● ● ● ●
HTh	TTh	Th	H	T	O										
● ● ●	● ● ● ● ●	● ●	●	● ●	● ● ● ●										
	602 173	six hundred and two thousand, one hundred and seventy-three	<table border="1"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>● ● ● ● ● ●</td> <td></td> <td>● ●</td> <td>●</td> <td>● ● ● ● ● ● ●</td> <td>● ● ●</td> </tr> </tbody> </table>	HTh	TTh	Th	H	T	O	● ● ● ● ● ●		● ●	●	● ● ● ● ● ● ●	● ● ●
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● ● ● ● ● ●		● ●	●	● ● ● ● ● ● ●	● ● ●										
	224 185	two hundred and twenty-four thousand, one hundred and eighty-five	<table border="1"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>○ ○</td> <td>○ ○</td> <td>○ ○ ○ ○</td> <td>○</td> <td>○ ○ ○ ○ ○ ○ ○ ○</td> <td>○ ○ ○ ○ ○</td> </tr> </tbody> </table>	HTh	TTh	Th	H	T	O	○ ○	○ ○	○ ○ ○ ○	○	○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○
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	160 201	one hundred and sixty thousand, two hundred and one	<table border="1"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>○</td> <td>○ ○ ○ ○ ○ ○</td> <td></td> <td>○ ○</td> <td>○</td> <td>○</td> </tr> </tbody> </table>	HTh	TTh	Th	H	T	O	○	○ ○ ○ ○ ○ ○		○ ○	○	○
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○	○ ○ ○ ○ ○ ○		○ ○	○	○										

- 2) Accept any correct partitioning, such as:
 $520\ 324 = 520\ 000 + 300 + 20 + 4$
 $520\ 324 = 500\ 000 + 20\ 000 + 324$
 $520\ 324 = 510\ 000 + 10\ 000 + 200 + 124$

- 1) Terri is incorrect. This number should be 603 402. Terri has placed the 3 digit in the ten thousands place rather than the thousands and the 2 digit in the tens place rather than the ones.
- 2) Correct.
 Incorrect. This makes 230 325.
 Correct.
 Incorrect. This makes 230 325.



1)	£550 230	£295 900	£750 000
	£300 230 £250 000	£240 000 £55 900	£640 000 £110 000
	£550 230	£295 900	£750 000
	£200 230 £350 000	£260 000 £35 900	£530 000 £220 000

- a) Mr Strings £450 760 b) Ms Percussion £275 700





1) Complete the table.

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2) Show three different ways that 520 324 can be partitioned. One example has been given.

$$520\ 324 = 500\ 000 + 20\ 000 + 300 + 20 + 4$$

--



- 1) Last year, an inventor earned six hundred and three thousand, four hundred and two pounds. Terri writes this in numerals as £630 420. Is she correct? Explain your thinking.



- 2) An author earns £240 325. Which partitioned representations are correct and which are incorrect. Can you explain any mistakes?

$$240\ 325 = 210\ 000 + 30\ 000 + 320 + 5$$

Correct or incorrect? _____

$$240\ 325 = 190\ 000 + 40\ 000 + 320 + 5$$

Correct or incorrect? _____

$$240\ 325 = 205\ 000 + 30\ 000 + 5000 + 325$$

Correct or incorrect? _____

$$240\ 325 = 150\ 000 + 80\ 000 + 150 + 175$$

Correct or incorrect? _____

Can you incorrectly partition a six-digit number for a partner to correct?



1) Look at each musician's earnings for the year. They have been presented using a bar model. Can you identify the pattern and complete each sequence?

Ms Viola £550 230	Mr Brass £295 900	Mrs Notes £750 000
£550 230	£295 900	£750 000
£500 230 £50 000	£200 000 £95 900	
£550 230	£295 900	£750 000
£400 230 £150 000	£220 000 £75 900	£220 000
£550 230	£295 900	£750 000
£300 230		£420 000 £330 000
£550 230	£295 900	£750 000
	£35 900	£310 000 £440 000

- a) Mr Strings has also recorded his earnings for the year. Using the clues, can you work out how much he earned?
 He has thirty fewer ten thousands than Mrs Notes.
 He has double the tens of Ms Viola.
 He has twenty fewer tens than Mr Brass.

Mr Strings

- b) Ms Percussion recorded her earnings for the year. Using the clues, can you work out how much she earned?
 She has half as many thousands as Ms Viola.
 She has 200 fewer ones than Mr Brass.

Ms Percussion

Can you make up your own musician earnings and give clues to a partner for them to solve?



Place Value Grid

I can read and write numbers up to at least 1 000 000.



Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

The Rich List

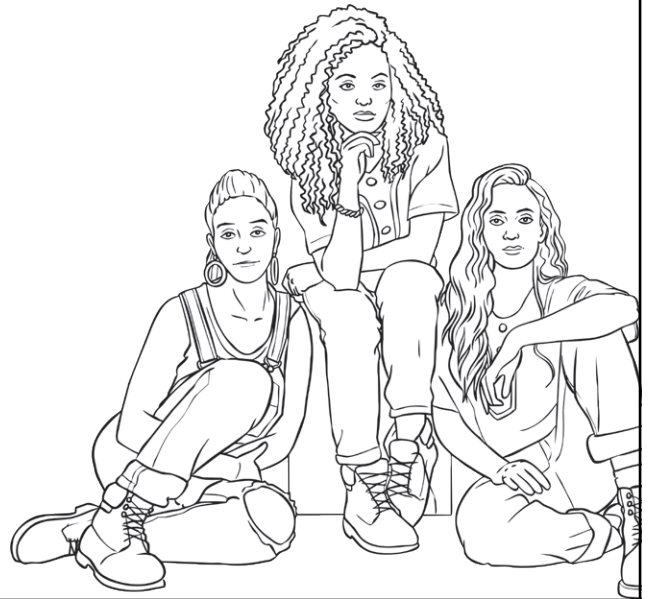
I can read and write numbers up to at least 1 000 000.



These celebrities are all featured in The Rich List.
Can you read and write the amounts of money they have earned?

Mix It Up are a girl band. Their last album sold well,
and they earned £34 468 in one month.

Can you write this figure in words?



Francesco Di Marco is a famous actor. For his last film, he was paid
twenty-nine thousand, seven hundred and eighty-five pounds.

Can you write this figure in digits?



Four Singers are a band and have recently been on tour. Altogether, their concerts made them fifty-two thousand and forty-six pounds.

Can you write this amount in digits?



Ronald Dalton writes children's books. His latest book was so popular that he made £98 742 from its sales.

Can you write this figure in words?



Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total five ten thousands, six thousands, nine hundreds, three tens and two ones.

Can you write this amount in digits and words?



The Rich List

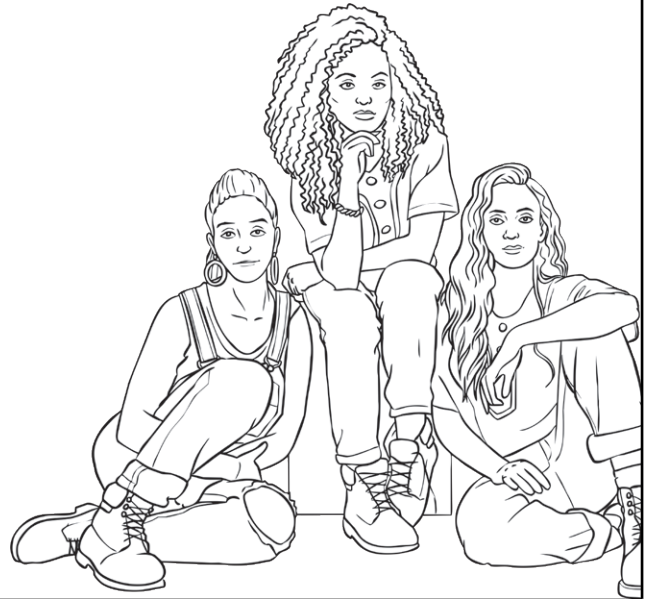
I can read and write numbers up to at least 1 000 000.



These celebrities are all featured in The Rich List.
Can you read and write the amounts of money they have earned?

Mix It Up are a girl band. Their last album sold well,
and they earned £687 209 in one month.

Can you write this figure in words?



Francesco Di Marco is a famous actor. For his last film, he was paid four
hundred and sixty-two thousand, eight hundred and ninety-one pounds.

Can you write this figure in digits?



Four Singers are a band and have recently been on tour. Altogether, their concerts made them three hundred and five thousand, one hundred and twenty-seven pounds.

Can you write this amount in digits?



Ronald Dalton writes children's books. His latest book was so popular that he made £298 056 from its sales.

Can you write this figure in words?



Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total six hundreds, seven ten thousands, nine ones, four tens, eight hundred thousands and three thousands.

Can you write this amount in digits and words?



The Rich List

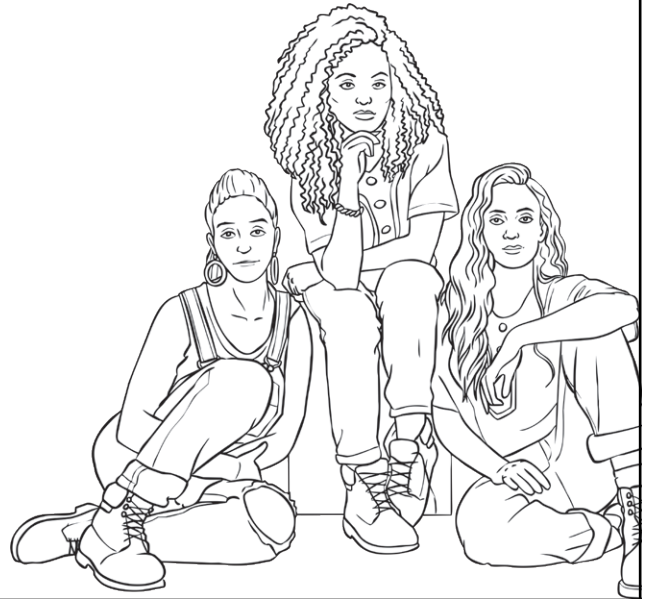
I can read and write numbers up to at least 1 000 000.



These celebrities are all featured in The Rich List.
Can you read and write the amounts of money they have earned?

Mix It Up are a girl band. Their last album sold well, and they earned £6 842 951 from its sales, plus and an extra £30 000 from advertising.

Can you write their total earnings in words?



Francesco Di Marco is a famous actor. For his last film, he was paid two million, five hundred and ninety-three thousand, four hundred and forty pounds, but he gave four hundred thousand pounds to charity.

Can you write in digits the final amount that he ended up with?



Four Singers are a band and have recently been on tour. Altogether, their concerts made them seven million, four hundred and ten thousand, three hundred and five pounds from ticket sales and an additional half a million pounds from merchandise sales.



Can you write the total amount they earned from their tour in digits?

Ronald Dalton writes children's books. His latest book was so popular that he made £5 908 546 from its sales.



Can you write this figure in words?

Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total three tens, seven hundred thousands, eight ones, five millions, four ten thousands, zero thousands and one hundred.



Can you write this amount in digits and words?

The Rich List Answers

1. Mix It Up are a girl band. Their last album sold well, and they earned £34 468 in one month. Can you write this figure in words?

thirty-four thousand, four hundred and sixty-eight pounds

2. Francesco Di Marco is a famous actor. For his last film, he was paid twenty-nine thousand, seven hundred and eighty-five pounds. Can you write this figure in digits?

£29 785

3. Four Singers are a band and have recently been on tour. Altogether their concerts made them fifty-two thousand and forty-six pounds. Can you write this amount in digits?

£52 046

4. Ronald Dalton writes children's books. His latest book was so popular that he made £98 742 from its sales. Can you write this figure in words?

ninety-eight thousand, seven hundred and forty-two pounds

5. Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total five ten thousands, six thousands, nine hundreds, three tens and two ones. Can you write this amount in digits and words?

£56 932

fifty-six thousand, nine hundred and thirty-two pounds

The Rich List Answers

1. Mix It Up are a girl band. Their last album sold well, and they earned £687 209 in one month. Can you write this figure in words?

six hundred and eighty-seven thousand, two hundred and nine pounds

2. Francesco Di Marco is a famous actor. For his last film, he was paid four hundred and sixty-two thousand, eight hundred and ninety-one pounds. Can you write this figure in digits?

£462 891

3. Four Singers are a band and have recently been on tour. Altogether their concerts made them three hundred and five thousand, one hundred and twenty-seven pounds. Can you write this amount in digits?

£305 127

4. Ronald Dalton writes children's books. His latest book was so popular that he made £298 056 from its sales. Can you write this figure in words?

two hundred and ninety-eight thousand and fifty-six pounds

5. Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total six hundreds, seven ten thousands, nine ones, four tens, eight hundred thousands and three thousands. Can you write this amount in digits and words?

£873 649

eight hundred and seventy-three thousand, six hundred and forty-nine pounds

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six million, eight hundred and seventy-two thousand, nine hundred and fifty-one pounds

2. Francesco Di Marco is a famous actor. For his last film, he was paid two million, five hundred and ninety-three thousand, four hundred and forty pounds, but he gave four hundred thousand pounds to charity. Can you write in digits the final amount that he ended up with?

£2 193 440

3. Four Singers are a band and have recently been on tour. Altogether their concerts made them seven million, four hundred and ten thousand, three hundred and five pounds from ticket sales and an additional half a million pounds from merchandise sales. Can you write the total amount they earned from their tour in digits?

£7 910 305

4. Ronald Dalton writes children's books. His latest book was so popular that he made £5 908 546 from its sales. Can you write this figure in words?

five million, nine hundred and eight thousand, five hundred and forty-six pounds

5. Estelle is a famous singer. She recently started to design clothes. The earnings from her clothing line total three tens, seven hundred thousands, eight ones, five millions, four ten thousands, zero thousands and one hundred. Can you write this amount in digits and words?

£5 740 138

five million, seven hundred and forty thousand, one hundred and thirty-eight pounds

1) Complete the table.



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2) Show three different ways that 520 324 can be partitioned. One example has been given.
 $520\ 324 = 500\ 000 + 20\ 000 + 300 + 20 + 4$

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 $520\ 324 = 500\ 000 + 20\ 000 + 300 + 20 + 4$

- 1) Last year, an inventor earned six hundred and three thousand, four hundred and two pounds. Terri writes this in numerals as £630 420. Is she correct?



Explain your thinking.

- 2) An author earns £240 325. Which partitioned representations are correct and which are incorrect. Can you explain any mistakes?

$$240\ 325 = 210\ 000 + 30\ 000 + 320 + 5$$

Correct or incorrect?

$$240\ 325 = 190\ 000 + 40\ 000 + 320 + 5$$

Correct or incorrect?

$$240\ 325 = 205\ 000 + 30\ 000 + 5000 + 325$$

Correct or incorrect?

$$240\ 325 = 150\ 000 + 80\ 000 + 150 + 175$$

Correct or incorrect?

Can you incorrectly partition a six-digit number for a partner to correct?



- 1) Last year, an inventor earned six hundred and three thousand, four hundred and two pounds. Terri writes this in numerals as £630 420. Is she correct?



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Correct or incorrect?

Can you incorrectly partition a six-digit number for a partner to correct?



- 1) Look at each musician's earnings for the year. They have been presented using a bar model. Can you identify the pattern and complete each sequence?



Ms Viola £550 230	
£550 230	
£500 230	£50 000
£550 230	
£400 230	£150 000
£550 230	
£300 230	
£550 230	

Mr Brass £295 900	
£295 900	
£200 000	£95 900
£295 900	
£220 000	£75 900
£295 900	
£295 900	
	£35 900

Mrs Notes £750 000	
£750 000	
£750 000	
	£220 000
£750 000	
£420 000	£330 000
£750 000	
£310 000	£440 000

- a) Mr Strings has also recorded his earnings for the year. Using the clues, can you work out how much he earned?
 He has thirty fewer ten thousands than Mrs Notes.
 He has double the tens of Ms Viola.
 He has twenty fewer tens than Mr Brass.
- b) Ms Percussion recorded her earnings for the year. Using the clues, can you work out how much she earned?
 She has half as many thousands as Ms Viola.
 She has 200 fewer ones than Mr Brass.

Can you make up your own musician earnings and give clues to a partner for them to solve?

- 1) Look at each musician's earnings for the year. They have been presented using a bar model. Can you identify the pattern and complete each sequence?



Ms Viola £550 230	
£550 230	
£500 230	£50 000
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£550 230	

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