Working with very large numbers

Name _____   Date _____

1) Drama accounted for £ 24.3m of UK box office takings (gross) in 2007.

a) Rewrite this as a whole number £ _____

2) Fantasy accounted for £90.6m of UK box office takings (gross) in 2007

a) Rewrite this as a whole number £ _____

b) Write this number again in words: _____

_____

3) Thrillers accounted for £32.4m of UK box office takings (gross) in 2007

a) What does the 4 represent in this number? _____

4) List the 3 genres (Drama, Fantasy, Thriller) in *ascending order* of box office takings

_____

5) Total worldwide box office takings (2001-07) associated with films (taken from the top 200 worldwide films) featuring these UK actors were:

i.	Kate Beckinsale (4 appearances): $1.20bn		iv.	Keira Knightly (5 appearances): $3.13bn	
ii.	Orlando Bloom (8 appearances): $ 6.30bn		v.	Jude Law (5 appearances): $1.03bn	
iii.	Brian Cox (4 appearances): $1.14bn		vi.	Daniel Radcliffe (4 appearances): $4.48bn	

a) How are these actors listed? _____

b) List them again in descending order of worldwide box office takings: _____

_____

c) Put the correct symbol (< or >) between each pair of worldwide box office takings.

$1.14bn ____ $1.03bn $3.14bn ____ $4.48bn $1.20bn ____ $1.14bn

d) What were the total box office takings for films featuring either Daniel Radcliffe or

Orlando Bloom? (Assume they do not appear in any film together.)

_____

Extension

6) What is the difference between Brian Cox's and Jude Law's box office takings?

_____

Write your answer in at least two different ways.

_____

Q6. Please show your working.
(plenty of space overleaf)

Working with very large numbers – answers and teaching notes

Teaching notes

The Guardian poster (see footer for details) can be used alongside this worksheet but is not essential. For more on using this poster to introduce reading and writing large numbers please see related Skillsworkshop Blog post

http://skillsworkshop.blogspot.com/2008/07/guardian-eyewitness-numeracy-resource.html

Answers

1) Drama accounted for £ 24.3m of UK box office takings (gross) in 2007.

a) Rewrite this as a whole number £ 24 300 000

2) Fantasy accounted for £90.6m of UK box office takings (gross) in 2007

a) Rewrite this as a whole number £ 90 600 000

b) Write this number again in words: Ninety million, six hundred thousand pounds

3) Thrillers accounted for £32.4m of UK box office takings (gross) in 2007

a) What does the 4 represent in this number? Four hundred thousand or 400 000

4) List the 3 genres (Drama, Fantasy, Thriller) in *ascending order* of box office takings

Drama, Thriller, Fantasy. (£24.3m, £32.4m, £90.6m)

5) Total worldwide box office takings (2001-07) associated with films (taken from the top 200 worldwide films) featuring these UK actors were:

vii.	Kate Beckinsale (4 appearances): $1.20bn	x.	Keira Knightly (5 appearances): $3.13bn
viii.	Orlando Bloom (8 appearances): $ 6.30bn	xi.	Jude Law (5 appearances): $1.03bn
ix.	Brian Cox (4 appearances): $1.14bn	xii.	Daniel Radcliffe (4 appearances): $4.48bn

a) How are these actors listed? Alphabetically

b) List them again in descending order of worldwide box office takings:

Bloom, Radcliffe, Knightly, Beckinsale, Cox, Law

c) Put the correct symbol (< or >) between each pair of worldwide box office takings.

$1.14bn > $1.03bn $3.14bn < $4.48bn $1.20bn > $1.14bn

d) What were the total box office takings for films featuring either Daniel Radcliffe or

Orlando Bloom? (Assume they do not appear in any film together.)

6.30bn + 4.48bn = 10.78bn

Extension

6) What is the difference between Brian Cox's and Jude Law's box office takings?
0.11bn
Write your answer in at least two different ways.
110 000 000
110 million
110.0m etc.

Q6. Please show your working.
(plenty of space overleaf)

```
  1.14
- 1.03
  0.11bn
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(or any acceptable written method)