

Working with very large numbers

Name _____

Date _____



Sample Question

Box office takings in UK for Harry Potter (Order of the Phoenix) were £49.43m

Write this sum as a whole number: £49,430,000

What does the 9 represent in this number: 9 million

Write the number in words: Forty nine million, four hundred and thirty thousand

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

(or any acceptable written method)