Exam Style Questions

Decimals to Percentages
Percentages to Decimals

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don’t spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 121
Video 125
1. Write 0.4 as a percentage.

\[ \text{...........................................%} \]

\( (1) \)

2. Write 0.72 as a percentage.

\[ \text{...........................................%} \]

\( (1) \)

3. Write 28% as a decimal.

\[ \text{.......................................} \]

\( (1) \)

4. Write 0.02 as a percentage.

\[ \text{...........................................%} \]

\( (1) \)

5. Write 5% as a decimal.

\[ \text{.......................................} \]

\( (1) \)
6. Write 90% as a decimal. .................................................. 
   (1)

7. Write 49% as a decimal. .................................................. 
   (1)

8. Write 0.8 as a percentage. .................................................% 
   (1)

9. Write 8.5% as a decimal. .................................................. 
   (1)

10. Write 0.215 as a percentage. .........................................% 
    (1)
11. Match each decimal and percentage.

<table>
<thead>
<tr>
<th>Decimal</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.05</td>
<td>50%</td>
</tr>
<tr>
<td>0.25</td>
<td>20%</td>
</tr>
<tr>
<td>0.2</td>
<td>25%</td>
</tr>
<tr>
<td>0.5</td>
<td>5%</td>
</tr>
</tbody>
</table>

(2)

12. Arrange the following numbers in order, from smallest to largest

0.61  59%  0.6  62%

(2)
13. Arrange the following numbers in order, from smallest to largest

\[0.6 \quad 11\% \quad 0.1 \quad 8\%\]

14. 

(a) Write down the percentage of the grid that is shaded.

\[..........................\%\]

(b) Write your answer to (a) as a decimal.

\[..........................\]
16. Over a season, a football team won 55% of their matches and drew 32%.

Win 55%
Draw 32%
Loss

(a) Work out what percentage of games were lost.

.........................

(b) Write 32% as a decimal.

.........................
17. Complete this table.

<table>
<thead>
<tr>
<th>Decimal</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.15</td>
<td>15%</td>
</tr>
<tr>
<td>0.5</td>
<td></td>
</tr>
<tr>
<td>0.03</td>
<td>70%</td>
</tr>
</tbody>
</table>