

Name: \_\_\_\_\_

## Exam Style Questions

**Decimals to Percentages**  
**Percentages to Decimals**



**Corbettmaths**

Equipment needed: Pen

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

**Videos 121, 125**



Answers and Video Solutions



1. Write 0.4 as a percentage.



.....%  
(1)

---

2. Write 0.72 as a percentage.



.....%  
(1)

---

3. Write 28% as a decimal.



.....  
(1)

---

4. Write 0.02 as a percentage.



.....%  
(1)

---

5. Write 5% as a decimal.



.....  
(1)

6. Write 90% as a decimal.



.....  
(1)

7. Write 49% as a decimal.



.....  
(1)

8. Write 0.8 as a percentage.



.....%  
(1)

9. Complete this table.



| Decimal | Percentage |
|---------|------------|
| 0.15    | 15%        |
| 0.5     |            |
|         | 70%        |
| 0.03    |            |

(3)

10. Over a season, a football team won 55% of their matches and drew 32%.



Win 55%  
Draw 32%  
Loss

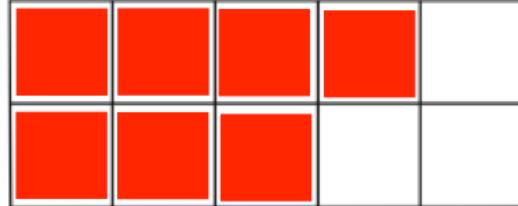
(a) Work out what percentage of games were lost.

.....  
(1)

(b) Write 32% as a decimal.

.....  
(1)

11.



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

.....%  
(1)

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

.....  
(1)

12. Match each decimal and percentage.



| Decimal | Percentage |
|---------|------------|
|---------|------------|

|      |     |
|------|-----|
| 0.05 | 50% |
|------|-----|

|      |     |
|------|-----|
| 0.25 | 20% |
|------|-----|

|     |     |
|-----|-----|
| 0.2 | 25% |
|-----|-----|

|     |    |
|-----|----|
| 0.5 | 5% |
|-----|----|



(2)

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



0.61      59%      0.6      62%

.....

(2)

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



0.6      11%      0.1      8%

.....

(2)

15. James says 7% is larger than 0.1



Explain why James is incorrect.

.....

.....

(2)

16. Write 165% as a decimal.



.....

(1)

17. Write 1.02 as a percentage.



.....

(1)

18. Write 8.5% as a decimal.



.....

(1)

19. Write 0.215 as a percentage.



.....%

(1)