

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

Exam Style Questions

Decimals to Percentages  
Percentages to Decimals



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

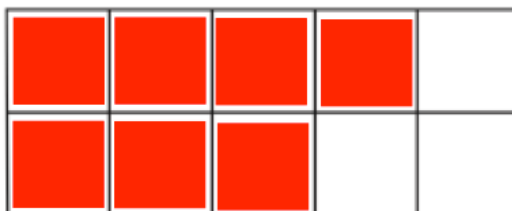
- (a) Work out what percentage of games were lost.

.....  
(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

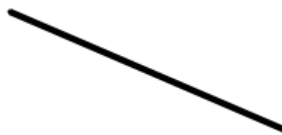
20%

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)