

**EduSahara™ Learning Center Assignment**

**Grade** : Class VII, CBSE  
**Chapter** : Comparing Quantities  
**Name** : Percentage Concepts  
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1. 3.00 is what percentage of 20 ?

(i) 15.00% (ii) 16.00% (iii) 13.00% (iv) 14.00% (v) 17.00%

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2. How much is 9.00% of 130 ?

(i) 10.7 (ii) 9.7 (iii) 13.7 (iv) 12.7 (v) 11.7

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3. 70.00% =

(i)  $\frac{9}{10}$  (ii)  $\frac{1}{2}$  (iii)  $\frac{7}{8}$  (iv)  $\frac{7}{10}$  (v)  $\frac{7}{12}$

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4. 35.00% =

(i)  $\frac{9}{20}$  (ii)  $\frac{7}{18}$  (iii)  $\frac{7}{22}$  (iv)  $\frac{7}{20}$  (v)  $\frac{1}{4}$

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5. 8.00% =

(i)  $\frac{4}{25}$  (ii)  $\frac{2}{23}$  (iii)  $\frac{2}{25}$  (iv) 0 (v)  $\frac{2}{27}$

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6. 0.50% =

(i)  $\frac{3}{200}$  (ii)  $(\frac{-1}{200})$  (iii)  $\frac{1}{198}$  (iv)  $\frac{1}{200}$  (v)  $\frac{1}{202}$

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7. 0.20% =

(i)  $\frac{1}{498}$  (ii)  $(\frac{-1}{500})$  (iii)  $\frac{3}{500}$  (iv)  $\frac{1}{500}$  (v)  $\frac{1}{502}$

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8.  $\frac{2}{4}$  =

(i) 51.00% (ii) 50.00% (iii) 48.00% (iv) 49.00% (v) 52.00%

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9.  $\frac{8}{21}$  =

(i) 36.10% (ii) 37.10% (iii) 40.10% (iv) 38.10% (v) 39.10%

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10. 0.30 =

- (i) 28.00% (ii) 29.00% (iii) 30.00%  
(iv) 32.00% (v) 31.00%
- 

11. 0.33 =

- (i) 33.00% (ii) 35.00% (iii) 32.00%  
(iv) 31.00% (v) 34.00%
- 

12. 1.00 =

- (i) 98.00% (ii) 99.00% (iii) 100.00%  
(iv) 101.00% (v) 102.00%
- 

13. 700.00% =

- (i) 5 (ii) 8 (iii) 9 (iv) 6 (v) 7
- 

14. 20.00% =

- (i) 0.2 (ii) 1.2 (iii) 8.2 (iv) 2.2 (v) 7.2
- 

15. 61.00% =

- (i) 0.61 (ii) 7.61 (iii) 2.61 (iv) 8.61 (v) 1.61
- 

16. Out of 72 articles, 7 were damaged. What is the percentage of good articles?

- (i) 90.28% (ii) 89.28% (iii) 88.28% (iv) 92.28% (v) 91.28%
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17. Out of 773 articles, 12 were damaged. What is the percentage of good articles?

- (i) 99.45% (ii) 98.45% (iii) 97.45% (iv) 100.45% (v) 96.45%
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18. 7.00% of a number is 10.50 . What is 6.00% of the number?

- (i) 10 (ii) 8 (iii) 9 (iv) 11 (v) 7
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19. 28.00% of a number is 182.00 . What is 19.00% of the number?

- (i) 122.5 (ii) 124.5 (iii) 125.5 (iv) 121.5 (v) 123.5
- 

20. The cost of an article is ₹60.00. If it is increased by 10.00%, what is the new cost of the article?

(i) ₹65.00 (ii) ₹68.00 (iii) ₹64.00 (iv) ₹66.00 (v) ₹67.00

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21. The cost of an article is ₹20.00. If it is decreased by 5.00%, what is the new cost of the article?

(i) ₹20.00 (ii) ₹18.00 (iii) ₹17.00 (iv) ₹21.00 (v) ₹19.00

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22. If initial value is  $V$ , new value after  $r\%$  increase is

(i)  $\frac{100+r}{100} \times V$  (ii)  $\frac{100-r}{100} \times V$  (iii)  $\frac{100-r}{r} \times V$  (iv)  $\frac{100+r}{r} \times V$

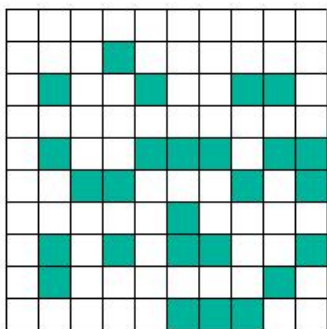
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23. If initial value is  $V$ , new value after  $r\%$  decrease is

(i)  $\frac{100+r}{100} \times V$  (ii)  $\frac{100+r}{r} \times V$  (iii)  $\frac{100-r}{r} \times V$  (iv)  $\frac{100-r}{100} \times V$

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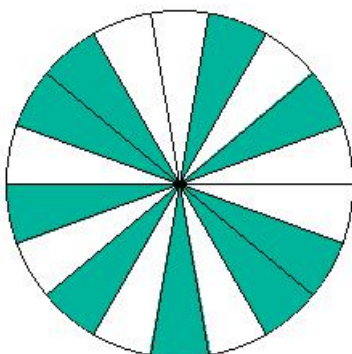
24. What percentage of the figure is shaded?



(i) 28.00% (ii) 25.00% (iii) 24.00% (iv) 26.00% (v) 27.00%

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25. What percentage of the figure is shaded?



(i) 51.00% (ii) 50.00% (iii) 49.00% (iv) 48.00% (v) 52.00%

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## Assignment Key

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- 1) (i)
- 2) (v)
- 3) (iv)
- 4) (iv)
- 5) (iii)
- 6) (iv)
- 7) (iv)
- 8) (ii)
- 9) (iv)
- 10) (iii)
- 11) (i)
- 12) (iii)
- 13) (v)
- 14) (i)
- 15) (i)
- 16) (i)
- 17) (ii)
- 18) (iii)
- 19) (v)
- 20) (iv)
- 21) (v)
- 22) (i)
- 23) (iv)
- 24) (iv)
- 25) (ii)