

Find the number of which

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| 5. 48 is $6\frac{1}{2}\%$. | 15. $\frac{3}{4}$ is 50% . |
| 6. 24 is 4% . | 16. 20 is $\frac{1}{8}\%$. |
| 7. 32 is 5% . | 17. \$40 is 20% . |
| 8. 48 is 20% . | 18. \$68 is 34% . |
| 9. $12\frac{1}{2}$ is 10% . | 19. 25 doz. is $12\frac{1}{2}\%$. |
| 10. $6\frac{1}{4}$ is 25% . | 20. 15 is 125% . |
| 11. 5 is $8\frac{1}{3}\%$. | 21. 750 mi. is 50% . |
| 12. 50 is $62\frac{1}{2}\%$. | 22. 40 yds. is 5% . |
| 13. 60 is 60% . | 23. 75 is $166\frac{2}{3}\%$. |
| 14. $\frac{1}{2}$ is $16\frac{2}{3}\%$. | 24. 15 days is 1% . |

B

✓ $Base = Percentage \div Rate.$

- 85 is $\frac{5}{8}$ of what number? 136
- 225 is $62\frac{1}{2}\%$ of what number? 360
- 555 is $62\frac{1}{2}\%$ of what number? 888
- \$495 is $\frac{3}{5}$ of what sum? 180% of what sum? 215
- \$9820 is 85 per cent. of what sum? 1155294
- 219 tons is 60% of what quantity? 365
- £2000 is 115 per cent. of what sum? $1739\frac{3}{5}$
- \$873.25 is $4\frac{1}{2}\%$ per cent. of what sum? 19405.559
- \$476 is $\frac{1}{8}$ per cent of what sum? 380800
- \$175,420 is $112\frac{1}{2}\%$ of what sum? 155928.984

C (Questions 1-5 at sight).

- A scholar has 18 examples in arithmetic correct, which is 75% of the whole; how many examples given? 24
- In the ten years ending 1890 a city increases 8000 in population, a gain of 25 per cent. What was its population in 1880? 32000
- Butter is sold at 25 cents a lb., which is 200% of its cost. Find its cost. $12\frac{1}{2}$
- I spend \$1200 or 80% of my salary; what is my salary? 1500