Finding Equivalent Fraction Variable

Name:

Determine the value of the variable used to make the equivalent fraction.

Ex) $\frac{2 \times L}{4 \times L} = \frac{12}{24}$

1) $\frac{3 \times Z}{8 \times Z} = \frac{18}{48}$

2) $\frac{2 \times R}{9 \times R} = \frac{18}{81}$

3) $\frac{45}{81} = \frac{5 \times Y}{9 \times Y}$

4) $\frac{28}{32} = \frac{7 \times E}{8 \times E}$

5) $\frac{9 \times G}{10 \times G} = \frac{27}{30}$

6) $\frac{1 \times V}{2 \times V} = \frac{4}{8}$

7) $\frac{15}{25} = \frac{3 \times Q}{5 \times Q}$

8) $\frac{45}{63} = \frac{5 \times P}{7 \times P}$

9) $\frac{2 \times D}{4 \times D} = \frac{16}{32}$

10) $\frac{3 \times N}{7 \times N} = \frac{8}{56}$

11) $\frac{6}{20} = \frac{3 \times T}{10 \times T}$

12) $\frac{16}{28} = \frac{4 \times A}{7 \times A}$

13) $\frac{1 \times B}{7 \times B} = \frac{2}{14}$

14) $\frac{2 \times Z}{7 \times Z} = \frac{6}{21}$

15) $\frac{12}{28} = \frac{3 \times M}{7 \times M}$

16) $\frac{8}{14} = \frac{4 \times F}{7 \times F}$

17) $\frac{5 \times U}{7 \times U} = \frac{10}{14}$

18) $\frac{6 \times N}{7 \times N} = \frac{42}{49}$

19) $\frac{6}{48} = \frac{1 \times L}{8 \times L}$

20) $\frac{12}{32} = \frac{3 \times W}{8 \times W}$

Answers

Ex. 6

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0