

## Spiral Review 10 – Conversions

# WHY DID THE LITTLE BOY WEAR A SHEET TO GO TRICK-OR-TREATING?



Find each answer in the adjacent answer columns. Write the letter of the answer in the box containing the number of the exercise.

**Rewrite each repeating decimal with a bar over the repeating block of digits.**

- |  |                           |                          |
|--|---------------------------|--------------------------|
| 1. $\frac{1}{6} = 0.166666666666666666 \dots$      | F. $0.\overline{166}$     | S. $0.1\overline{6}$     |
| 2. $\frac{4}{7} = 0.571428571428571428 \dots$      | V. $0.\overline{5714285}$ | E. $0.\overline{571428}$ |
| 3. $\frac{19}{12} = 1.583333333333333333 \dots$    | A. $1.58\overline{3}$     | K. $1.5\overline{83}$    |
| 4. $-\frac{46}{111} = -0.414414414414414414 \dots$ | O. $-0.4\overline{1}$     | U. $-0.4\overline{14}$   |
| 5. $\frac{54}{13} = 4.153846153846153846 \dots$    | S. $4.\overline{153846}$  | G. $4.15\overline{3846}$ |

**Write each decimal as a lowest-terms fraction or mixed number.**

- |            |            |                     |                    |                           |
|------------|------------|---------------------|--------------------|---------------------------|
| 6. 0.8     | 7. -0.45   | F. $-\frac{14}{25}$ | D. $\frac{7}{40}$  | A. $-\frac{9}{20}$        |
| 8. 3.32    | 9. 0.175   | E. $\frac{4}{5}$    | G. $3\frac{3}{8}$  | W. $3\frac{3333}{10,000}$ |
| 10. 3.3333 | 11. -0.625 | T. $-\frac{5}{8}$   | S. $3\frac{8}{25}$ | B. $\frac{17}{125}$       |

**Write each fraction or mixed number as a repeating decimal.**

- |                       |                     |                        |                        |                       |
|-----------------------|---------------------|------------------------|------------------------|-----------------------|
| 12. $\frac{4}{9}$     | 13. $2\frac{5}{12}$ | N. $-0.1\overline{4}$  | R. $-0.\overline{123}$ | S. $0.\overline{4}$   |
| 14. $\frac{15}{22}$   | 15. $2\frac{7}{11}$ | E. $2.41\overline{6}$  | H. $0.68\overline{1}$  | L. $2.\overline{636}$ |
| 16. $-\frac{41}{333}$ | 17. $\frac{17}{24}$ | S. $0.708\overline{3}$ | G. $0.\overline{7083}$ | A. $2.\overline{63}$  |

**Write as a decimal. If a repeating decimal, round to the nearest hundredth.**

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|----------------------|----------------------|------------|---------|-----------|
| 18. $5\frac{2}{3}$   | 19. $-8\frac{9}{16}$ | T. -8.5625 | S. 0.45 | M. -8.125 |
| 20. $\frac{22}{7}$   | 21. $\frac{1}{12}$   | C. 5.75    | I. 3.33 | A. 3.14   |
| 22. $3\frac{16}{45}$ | 23. $\frac{475}{80}$ | D. 3.36    | E. 5.67 | N. -8.18  |
| 24. $\frac{5}{11}$   | 25. $-\frac{65}{8}$  | V. 0.43    | P. 0.08 | R. 5.9375 |

14	2	10	20	8	22	16	6	24	12	18	9	4	21	15	1	7	25	3	11	19	23	13	5	17
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