

ANSWER PRESENTATION TOOL

Advanced 1 - Student E

2

3 - Exercises

5-21 odds, i

ALL EVEN

Show Sol

ODD

5. 3

7. $9\frac{3}{4}$

9. $3\frac{18}{19}$

11. $\frac{9}{10}$

13. $12\frac{1}{2}$

15. $1\frac{1}{5}$

17. $\frac{2}{7}$

19. $1\frac{5}{18}$

21. The mixed number $1\frac{2}{3}$ was

not written as an improper fraction
before inverting.

$$\begin{aligned} 3\frac{1}{2} \div 1\frac{2}{3} &= \frac{7}{2} \div \frac{5}{3} \\ &= \frac{7}{2} \times \frac{3}{5} \\ &= \frac{7 \times 3}{2 \times 5} \\ &= \frac{21}{10}, \text{ or } 2\frac{1}{10} \end{aligned}$$

22. 18 days

23. 14 hamburgers

24. 9 books

26. 3

28. 3

30. $6\frac{9}{26}$

32. $13\frac{1}{5}$

34. $3\frac{1}{3}$

36. $\frac{7}{108}$

38. $12 \div 2\frac{3}{4} = 12 \div \frac{11}{4} = 12 \times \frac{4}{11} = \frac{12 \times 4}{11} = \frac{48}{11} = 4\frac{4}{11}$

$$8\frac{1}{2} \div 1\frac{1}{3} = \frac{17}{2} \div \frac{4}{3} = \frac{17}{2} \times \frac{3}{4} = \frac{17 \times 3}{2 \times 4} = \frac{51}{8} = 6\frac{3}{8}$$

Dividing 12 cups by $2\frac{3}{4}$ cups, you get $4\frac{4}{11}$ batches of

granola. Dividing $8\frac{1}{2}$ cups by $1\frac{1}{3}$ cups, you get $6\frac{3}{8}$

batches of peanuts. With the amount of granola you have, you can make 4 full batches and with the amount of peanuts you have, you can make 6 full batches. Because you do not have enough granola for 6 full batches, you can make 4 full batches of trail mix.