

Algebra I
Integers, Percents, Decimals, & Fractions

1.5 Mixed Numbers & Improper Fractions

Sponge Problems

1. A school has 331 books. 20 books can fit in a bookcase. How many bookcases should the school order? (M8.A.3.1.1)
A. 16 B. 16.6 C. 17 D. 20
2. Greg is 165 centimeters tall. How many meters tall is he? (M.8.B.1.1.1)
A. 0.600 B. 1.65 C. 16.5 D. 16,500

Review Problems

Perform the indicated operation.

3. $8.55 + 2.3$
4. $4.136 - 2.896$
5. 4.63×1.7
6. $14.6 \div 2.4$

1.5 Problem Set

Write the mixed number as an improper fraction.

7. $2\frac{3}{5}$
8. $4\frac{1}{2}$
9. $9\frac{1}{3}$
10. $1\frac{11}{12}$
11. $2\frac{3}{4}$
12. $6\frac{5}{8}$
13. $5\frac{9}{16}$
14. $8\frac{1}{8}$
15. $6\frac{3}{5}$
16. $7\frac{2}{9}$
17. $2\frac{3}{13}$
18. $12\frac{2}{3}$

Write the improper fraction as a mixed number.

19. $\frac{5}{2}$
20. $\frac{12}{5}$
21. $\frac{15}{8}$
22. $\frac{25}{4}$
23. $\frac{37}{3}$
24. $\frac{7}{4}$
25. $\frac{27}{8}$
26. $\frac{29}{10}$
27. $\frac{69}{16}$
28. $\frac{54}{5}$
29. $\frac{31}{4}$
30. $\frac{22}{5}$