

Extra Practice: 3.3 Simplifying Fractions

Simplify each. Write your answer as a mixed number when possible.

1) $\frac{8}{20}$

2) $\frac{16}{28}$

3) $\frac{36}{126}$

4) $\frac{9}{36}$

5) $\frac{18}{30}$

6) $\frac{126}{144}$

7) $\frac{6}{30}$

8) $\frac{8}{12}$

9) $\frac{50}{70}$

10) $\frac{4}{28}$

Simplify. Your answer should contain only positive exponents.

11) $\frac{8n^4}{5n}$

12) $\frac{5n^2}{4n^2}$

13) $\frac{7n^2}{6n^2}$

14) $\frac{8k^3}{2k^4}$

15) $\frac{4b^4}{3b^3}$

16) $\frac{6x^2}{4x^3}$

17) $\frac{6b^4}{4b^2}$

18) $\frac{4m^3}{5m^3}$