

How Simple Is Your Rational Expression? Checklist

1. $\frac{24a^2b^3}{-6a^4b}$

2. $\frac{4x+8}{(x+2)(x+4)}$

3. $\frac{3m^2}{6m^2-3m}$

4. $\frac{y-3}{y^2-9}$

5. $\frac{5k^2-20}{(k-2)^2}$

How Simple Is Your Rational Expression? Checklist

1. On question 1, did the student simplify the rational expression completely and state the excluded values?

- a. Yes (20 points)
- b. Simplified completely but did not state excluded values (15 points)
- c. Did not simplify completely but did state excluded values (10 points)
- d. Did not simplify completely and did not state excluded values (5 points)

2. On question 2, did the student simplify the rational expression completely and state the excluded values?

- a. Yes (20 points)
- b. Simplified completely but did not state excluded values (15 points)
- c. Did not simplify completely but did state excluded values (10 points)
- d. Did not simplify completely and did not state excluded values (5 points)

3. On question 3, did the student simplify the rational expression completely and state the excluded values?

- a. Yes (20 points)
- b. Simplified completely but did not state excluded values (15 points)
- c. Did not simplify completely but did state excluded values (10 points)
- d. Did not simplify completely and did not state excluded values (5 points)

4. On question 4, did the student simplify the rational expression completely and state the excluded values?

- a. Yes (20 points)
- b. Simplified completely but did not state excluded values (15 points)
- c. Did not simplify completely but did state excluded values (10 points)
- d. Did not simplify completely and did not state excluded values (5 points)

5. On question 5, did the student simplify the rational expression completely and state the excluded values?

- a. Yes (20 points)
- b. Simplified completely but did not state excluded values (15 points)
- c. Did not simplify completely but did state excluded values (10 points)
- d. Did not simplify completely and did not state excluded values (5 points)