

NAME _____

DATE _____

CLASS _____

SAMPLE TEST

- SECTION 9.3** Rationalize $\frac{4}{\sqrt{7}}$.
- SECTION 9.6** Solve: $\sqrt{p^2 - 9} = 7$.
- SECTION 9.2** Find the product: $\sqrt{4a^3b}\sqrt{8ab^2}$.
- SECTION 9.1** Using the table opposite the inside backcover, determine a rational approximation of $\sqrt{15}$ accurate to the hundredths place.
- SECTION 9.4** Find the sum: $3\sqrt{r-1} + 5\sqrt{r-1} + \sqrt{r-1}$.
- SECTION 9.1** Identify the radicand in $\sqrt{p^2 - p - 20}$
- SECTION 9.2** Square $(5\sqrt{p} + 2\sqrt{q})^2$.
- SECTION 9.1** Determine the square root: $\sqrt{c^2 - 12c + 36}$
- SECTION 9.5** Determine if a triangle with sides 10, $4\sqrt{6}$, 14 is a right triangle.
- SECTION 9.3** Simplify: $\sqrt{\frac{p-1}{p^2+3p-4}}$

ANSWERS

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

