

Name: _____

COLOR BY NUMBERS

Divide. Use your answers to color the LOVELY cartoon.

1. $(-11 + a^3 + 13a^2 + 13a) \div (a + 2)$

a. $a^2 + 9a - 7 + \frac{11}{a+2}$ light blue

b. $a^2 + 11a - 11 + \frac{9}{a+2}$ red

c. $a^2 + 9a - 12 + \frac{2}{a+2}$ dark green

d. $a^2 + 11a - 9 + \frac{7}{a+2}$ pink

6. $(k^3 + 6k^2 - 25k + 3) \div (k - 3)$

a. $k^2 + 9k + 2 + \frac{9}{k-3}$ red

b. $k^2 + 10k + 2 + \frac{13}{k-3}$ dark blue

c. $k^2 + 9k + 1 + \frac{11}{k-3}$ yellow

d. $k^2 + 9k - 1 + \frac{4}{k-3}$ pink

2. $(6x^3 + 36x^2 + 12) \div (x + 6)$

a. $6x^2 + 1 + \frac{11}{x+6}$ orange

b. $6x^2 + 1 + \frac{17}{x+6}$ white

c. $6x^2 + \frac{12}{x+6}$ purple

d. $6x^2 - x - 1 + \frac{11}{x+6}$ gray

7. $(3m + m^4 - 19 - 3m^3) \div (m - 3)$

a. $m^3 + 4 - \frac{14}{m-3}$ orange

b. $m^3 + 3 - \frac{10}{m-3}$ pink

c. $m^3 - \frac{5}{m-3}$ brown

d. $m^3 - \frac{8}{m-3}$ dark green

3. $(-14p^2 + 39 + 3p^3 - 53p) \div (p - 7)$

a. $3p^2 + 7p - 7 + \frac{12}{p-7}$ black

b. $3p^2 + 7p - 7 + \frac{10}{p-7}$ brown

c. $3p^2 + 7p - 6 + \frac{15}{p-7}$ light green

d. $3p^2 + 7p - 4 + \frac{11}{p-7}$ dark blue

8. $(9x^4 - 91x^3 - 91x^2 + 28x + 57) \div (x - 11)$

a. $9x^3 + 8x^2 - 3x - 8 + \frac{1}{x-11}$ white

b. $9x^3 + 8x^2 - 3x - 2 + \frac{1}{x-11}$ gray

c. $9x^3 + 8x^2 - 3x - 5 + \frac{7}{x-11}$ teal

d. $9x^3 + 8x^2 - 3x - 5 + \frac{2}{x-11}$ tan

4. $(x^5 + 8x^4 - 7x^2 - 56x + 6) \div (x + 8)$

a. $x^4 - 7x + 3 + \frac{9}{x+8}$ white

b. $x^4 - 7x - 1 + \frac{7}{x+8}$ red

c. $x^4 - 7x + \frac{6}{x+8}$ orange

d. $x^4 - 7x + 2 + \frac{1}{x+8}$ yellow

9. $(7n^3 - 88n^2 + 118n + 45) \div (n - 11)$

a. $7n^2 - 11n - 3 + \frac{12}{n-11}$ brown

b. $7n^2 - 11n - 5 + \frac{13}{n-11}$ black

c. $7n^2 - 11n + \frac{9}{n-11}$ dark green

d. $7n^2 - 11n - 2 + \frac{12}{n-11}$ light blue

5. $(2b^2 + b^3 - 23 - 9b) \div (b - 3)$

a. $b^2 + 5b + 7 - \frac{5}{b-3}$ gray

b. $b^2 + 5b + 9 - \frac{8}{b-3}$ black

c. $b^2 + 5b + 6 - \frac{5}{b-3}$ light green

d. $b^2 + 5b + 4 - \frac{6}{b-3}$ purple

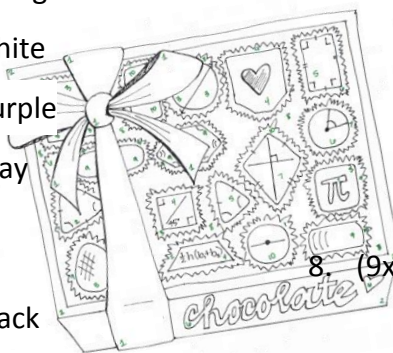
10. $(-9 + 3n^2 + n^3 + 3n) \div (n + 1)$

a. $n^2 + 2n - 1 - \frac{5}{n+1}$ orange

b. $n^2 + 2n - 2 - \frac{13}{n+1}$ white

c. $n^2 + 2n + 1 - \frac{10}{n+1}$ purple

d. $n^2 + 2n - 1 - \frac{11}{n+1}$ tan



ANSWER KEY COLOR BY NUMBERS

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