

Ms. Aleksiak's favorite place to visit.

7) $\sqrt[3]{64x^6}$

8) $\frac{\sqrt[3]{250}}{\sqrt[3]{2}}$

9) $(27q^{12}x^3y^9)^{1/3}$

$$10) (3y^4)^{-3} \left(\frac{-2x^{-7}y^6}{3x^{-10}y} \right)$$

$$11) \left(\frac{20^{1/2}}{5^{1/2}} \right)^3$$

Aleksiak's favorite place to visit:

1

2

3

4

5

Mr. Neesan's security code.

- *Encryption Key:* When you simplify the following expression, the coefficient followed by the exponents of the variables in alphabetical order is the 5-digit code to Mr. Neesan's home security alarm. Please don't rob him.

$$\left(\frac{5q^6}{2h^{-11}m}\right)^4\left(\frac{25h^{-26}q^{42}}{8mq^{32}}\right)^{-2}m^2$$

Neesan's security code:

1

2

3

4

5