

## SSCPS (19-20) G3 logic problem solutions

Name: \_\_\_\_\_

Class: 3\_\_( )

Date: \_\_\_\_\_

Find the value of “?” and show your steps in the box below.

$$\text{astronaut} \times \text{planet} = 90$$

2. Since astronaut = 10,

$$10 \times 9 = 90, \text{ or } 90 \div 10 = 9,$$

$\therefore$  planet = 9

$$11 \times \text{astronaut} = 110$$

1. Because  $11 \times 10 = 110$ , or  $110 \div 11 = 10$ ,

$\therefore$  astronaut = 10

$$\text{rocket} = 14 - \text{planet}$$

3. Since planet = 9,  $14 - 9 = 5$

$\therefore$  rocket = 5

$$\text{moon} - \text{rocket} = 7$$

4. Since rocket = 5,  $12 - 5 = 7$

$\therefore$  moon = 12

$$\text{rocket} \times \text{moon} = ?$$

5. Since rocket = 5 and moon = 12,

$$5 \times 12 = 60, \therefore ? = 60$$