

Name: _____

Show all work clearly and in order.

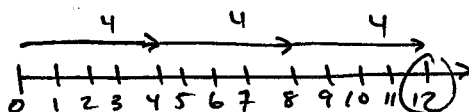
1. Illustrate
- 3×4
- using the following models and methods

(a) Set model, repeated addition method



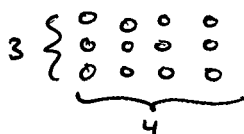
$3 \times 4 = 12$

(b) Measurement model, repeated addition method



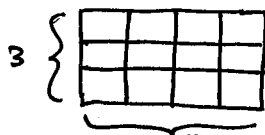
$3 \times 4 = 12$

(c) Set model, rectangular array method



$3 \times 4 = 12$

(d) Measurement model, rectangular array method



$3 \times 4 = 12$

2. For lunch you can pick one meal, one side and one drink from the following options:

Meal options: sandwich, pizza or pasta
 Side options: salad or carrots
 Drink options: water, coffee, tea, soda

3 options
 2 options
 4 options

How many different lunches can you have?

$3 \times 2 \times 4 = 24$ different lunches

3. Find the quotient and remainder for each of the following:

(a) $35 \div 6$

$$\begin{array}{r} 5 \\ 6 \overline{) 35} \\ \underline{-30} \\ 5 \end{array}$$

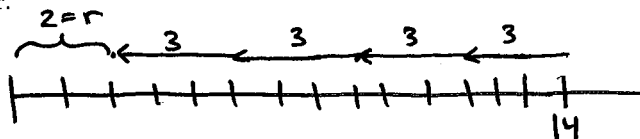
$$\begin{array}{l} q = 5 \\ r = 5 \end{array}$$

(b) $23 \div 5$

$$\begin{array}{r} 4 \\ 5 \overline{) 23} \\ \underline{-20} \\ 3 \end{array}$$

$$\begin{array}{l} q = 4 \\ r = 3 \end{array}$$

4. Illustrate
- $14 \div 3$
- using a measurement model and repeated subtraction to find the quotient and remainder.



$$\begin{array}{l} q = 4 \\ r = 2 \end{array}$$