

F&amp;R-1

## 4th Functions &amp; Relations

F&amp;R-1

Use add., sub., mult., or symbols.

What are the next 7 terms in this pattern.?

4 8 12,

Determine mph. Add some miles and some hours

F&amp;R-1

During the trip we averaged **50** miles per hour. Fill in the table.

hours	<b>1</b>	<b>2</b>	<b>3</b>	a	<b>5</b>	<b>6</b>	<b>7</b>
miles	<b>50</b>	100	150	200	250	300	b

F&amp;R-2

What is the rule for this pattern?

4, 14, 24, 34, 44

F&amp;R-2

What is the rule for this table?

price	<b>\$1.50</b>	<b>\$3</b>	<b>\$4.50</b>	<b>\$6</b>	<b>\$7.50</b>
pens	<b>3</b>	<b>6</b>	<b>9</b>	<b>12</b>	<b>15</b>

varying units for answers

For each equation insert two digits and one box for an unknown.

F&amp;R-4

4 +  = 20

- 20 = 100

5 x 7 =

21 ÷  = 7

Use add., sub., mult., or patterns.

Complete the function machines.

in	out	in	out
<u>2</u>	<u>6</u>	<u>12</u>	b
<u>6</u>	a	<u>10</u>	<u>7</u>
<u>8</u>	<u>12</u>	<u>8</u>	<u>5</u>

What are the rules for these functions?

F&amp;R-2

in	out	in	out
<u>2</u>	<u>4</u>	<u>2</u>	<u>6</u>
<u>3</u>	<u>9</u>	<u>4</u>	<u>12</u>
<u>4</u>	<u>16</u>	<u>6</u>	<u>18</u>

F&amp;R-3

Extend this pattern

You may use a calculator.

21, 42, 84,     ,     ,     ,     

F&amp;R-3

Extend this pattern.

You may use a calculator.

100, 81, 62,     ,     

F&amp;R-4

For each equation insert two digits and one box for an unknown.

+ 9 = 13

15 -  = 7

3 x  = 27

35 ÷ 7 =