

Autumn Picture Codes

Name: _____

Every picture hides a number. The same picture always means the same number. Find the numbers!

Part 1 — Adding and taking away

Puzzle 1

$$\begin{array}{ccccc} \text{Star} & + & \text{Star} & = & 6 \\ \text{Pumpkin} & = & \text{Star} & + & \text{Apple} \end{array}$$

Write the number for each picture:



E

= _____



P

= _____



I

= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 2

$$\begin{array}{ccccc} \text{Acorn} & + & \text{Acorn} & = & 2 \\ \text{Pear} & + & \text{Mushroom} & = & 10 \\ \text{Sunflower} & - & \text{Pear} & = & 4 \end{array}$$

Write the number for each picture:



A

= _____



F

= _____



L

= _____



E

= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 3

$$\text{Apple} + \text{Apple} = 4$$

$$\text{Star} + \text{Apple} = 7$$

$$\text{Pumpkin} - \text{Star} = 4$$

$$\text{Acorn} - \text{Pumpkin} = 3$$

Write the number for each picture:



N

= _____



C

= _____



R

= _____



O

= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 4

$$\text{Mushroom} + \text{Mushroom} = 6$$

$$\text{Pear} - \text{Mushroom} = 3$$

$$\text{Sunflower} - \text{Pear} = 2$$

$$\text{Star} = \text{Sunflower} + \text{Mushroom}$$

$$\text{Pumpkin} + \text{Mushroom} = 18$$

Write the number for each picture:



L

= _____



E

= _____



M

= _____



P

= _____



A

= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Part 2 — Add, take away, multiply and divide

Puzzle 5

$$\begin{array}{lclcl} \text{acorn} & \times & \text{acorn} & = & 4 \\ \text{mushroom} & \div & \text{acorn} & = & 3 \\ \text{apple} & = & \text{acorn} & + & \text{acorn} \\ \text{pumpkin} & = & \text{mushroom} & \times & \text{acorn} \end{array}$$

Write the number for each picture:

			
S	N	T	U
= _____	= _____	= _____	= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 6

$$\begin{array}{lclcl} \text{star} & \times & \text{star} & = & 9 \\ \text{sunflower} & = & \text{star} & \times & \text{pear} \\ \text{pumpkin} & \div & \text{pear} & = & 4 \\ \text{pear} & - & \text{star} & = & 2 \end{array}$$

Write the number for each picture:

			
K	R	E	A
= _____	= _____	= _____	= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 7

$$\begin{array}{rclcl}
 \text{Apple} & + & \text{Apple} & = & 2 \\
 \text{Mushroom} & = & \text{Acorn} & + & \text{Acorn} \\
 \text{Pumpkin} & = & \text{Acorn} & \times & \text{Acorn} \\
 \text{Star} & - & \text{Mushroom} & = & 2
 \end{array}$$

Write the number for each picture:

				
S	F	T	R	O
= _____	= _____	= _____	= _____	= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Puzzle 8

$$\begin{array}{rclcl}
 \text{Pear} & + & \text{Pear} & = & 4 \\
 \text{Apple} & - & \text{Sunflower} & = & 2 \\
 \text{Pumpkin} & = & \text{Apple} & \times & \text{Pear} \\
 \text{Sunflower} & \times & \text{Pear} & = & 10 \\
 \text{Mushroom} & \div & \text{Pear} & = & 5
 \end{array}$$

Write the number for each picture:

				
C	B	H	I	R
= _____	= _____	= _____	= _____	= _____

Put the letters in order from the smallest number to the biggest. Read the word!

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Answer Key (for the teacher)

Puzzle 1: leaf P = 3, apple I = 5, pumpkin E = 8 → PIE

Puzzle 2: acorn L = 1, mushroom E = 4, pear A = 6, sunflower F = 10 → LEAF

Puzzle 3: apple C = 2, leaf O = 5, pumpkin R = 9, acorn N = 12 → CORN

Puzzle 4: mushroom M = 3, pear A = 6, sunflower P = 8, leaf L = 11, pumpkin E = 15 → MAPLE

Puzzle 5: acorn N = 2, apple U = 4, mushroom T = 6, pumpkin S = 12 → NUTS

Puzzle 6: leaf R = 3, pear A = 5, sunflower K = 15, pumpkin E = 20 → RAKE

Puzzle 7: apple F = 1, acorn R = 4, mushroom O = 8, leaf S = 10, pumpkin T = 16 → FROST

Puzzle 8: pear B = 2, sunflower I = 5, apple R = 7, mushroom C = 10, pumpkin H = 14 → BIRCH

Words: PIE, LEAF, CORN, MAPLE, NUTS, RAKE, FROST, BIRCH. Each puzzle starts with a "double" (picture + picture) or a "picture × picture" equation, so the first number is always found the same way.