

Name

Date



# CHRISTMAS MATH CHALLENGE 1A

In the word CHRISTMAS below, each letter has a value. So C is worth 1, and M is worth 7.



C	H	R	I	S	T	M	A	S
1	2	3	4	5	6	7	8	5



Work out the value of these words. The first one is done for you.

$$IT = 4 + 6 = 10$$

$$HAT = 2 + 8 + 6 =$$

$$IS =$$

$$HIT =$$

$$MIST =$$

$$MAT =$$

$$MATH =$$

$$STAIR =$$

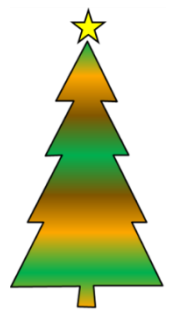
Can you find words using the letters above which have these values?

$$17 =$$

$$15 =$$

$$11 =$$

$$18 =$$



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# CHRISTMAS MATH CHALLENGE 1A

## ANSWERS

C	H	R	I	S	T	M	A	S
1	2	3	4	5	6	7	8	5

Work out the value of these words. The first one is done for you.

$$IT = 4 + 6 = 10$$

$$HAT = 2 + 8 + 6 = 16$$

$$IS = 4 + 5 = 9$$

$$HIT = 2 + 4 + 6 = 12$$

$$MIST = 7 + 4 + 5 + 6 = 22$$

$$MAT = 7 + 8 + 6 = 21$$

$$MATH = 7 + 8 + 6 + 2 = 23$$

$$STAIR = 5 + 6 + 8 + 4 + 3 = 26$$

Can you find words using the letters above which have these values?

Some example answers are given for each number - there may be more!

$$17 = \text{THIS} / \text{RAT}$$

$$15 = \text{ASH} / \text{CAT} / \text{SIT}$$

$$11 = \text{HIS}$$

$$18 = \text{STIR} / \text{RASH}$$