

Name

Date



CHRISTMAS MATH CHALLENGE 1B

In the word CHRISTMAS below, each letter has a particular value.
So C is worth 2, and M is worth 14.



C	H	R	I	S	T	M	A	S
2	4	6	8	10	12	14	16	10



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

$$IT = 8 + 12 = 20$$

$$HAT = 4 + 16 + 12 =$$

$$IS =$$

$$HIT =$$

$$MIST =$$

$$MAT =$$

$$MATH =$$

$$STAIR =$$

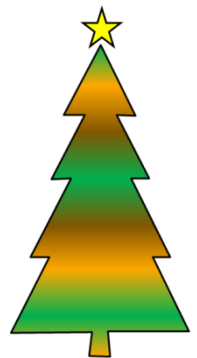
Can you find words using the letters above which have these values?

$$30 =$$

$$36 =$$

$$22 =$$

$$34 =$$



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CHRISTMAS MATH CHALLENGE 1 B

ANSWERS

C	H	R	I	S	T	M	A	S
2	4	6	8	10	12	14	16	10

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

$$IT = 8 + 12 = 20$$

$$HAT = 4 + 16 + 12 = 32$$

$$IS = 8 + 10 = 18$$

$$HIT = 4 + 8 + 12 = 24$$

$$MIST = 14 + 8 + 10 + 12 = 44$$

$$MAT = 14 + 16 + 12 = 42$$

$$MATH = 14 + 16 + 12 + 4 = 46$$

$$STAIR = 10 + 12 + 16 + 8 + 6 = 52$$

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

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

$$30 = \text{ASH} / \text{CAT} / \text{SIT}$$

$$36 = \text{STIR} / \text{RASH}$$

$$22 = \text{HIS}$$

$$34 = \text{THIS} / \text{RAT}$$