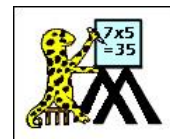


Name

Date



CHRISTMAS MATH CHALLENGE 1C

In the word CHRISTMAS below, each letter has a particular value. So C is worth 10, and M is worth 70.



C	H	R	I	S	T	M	A	S
10	20	30	40	50	60	70	80	50



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

$$IT = 40 + 60 = 100$$

$$HAT = 20 + 80 + 60 =$$

$$IS =$$

$$HIT =$$

$$MIST =$$

$$MAT =$$

$$MATH =$$

$$STAIR =$$

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

$$150 =$$

$$120 =$$

$$110 =$$

$$170 =$$

$$180 =$$



Name

Date



CHRISTMAS MATH CHALLENGE 1C

ANSWERS

C	H	R	I	S	T	M	A	S
10	20	30	40	50	60	70	80	50

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

$$IT = 40 + 60 = 100$$

$$HAT = 20 + 80 + 60 = 160$$

$$IS = 40 + 50 = 90$$

$$HIT = 20 + 40 + 60 = 120$$

$$MIST = 70 + 40 + 50 + 60 = 220$$

$$MAT = 70 + 80 + 60 = 210$$

$$MATH = 70 + 80 + 60 + 20 = 230$$

$$STAIR = 50 + 60 + 80 + 40 + 30 = 260$$

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

One or two example answer are given for each number - there may be more!

$$150 = ASH / CAT / SIT$$

$$120 = CAR / ARC$$

$$110 = HIS$$

$$170 = THIS / RAT$$

$$180 = STIR / RASH$$