

Name

Date



CHRISTMAS CODEBREAKER 3A

ADDITION AND SUBTRACTION FACTS TO 30

Work out the addition and subtraction facts, then use the codebreaker below to find the answer to the Christmas joke.

F	P	A	H	D	I	N	E	W	T	B	S	L	!
17	22	12	25	8	17	6	14	27	4	30	21	18	11

1) What do you call the dog who works for Father Christmas?

Letter	S										
Number	21										
Fact	14+7	25-13	19-13	21-17	20-8		9+13	30-18	14+13	5+16	

2) What do you get if you eat a Christmas decoration?



Letter											
Number											
Fact	17-13	22-5	20-14	13+8	9+8	27-9	30-13	23-19	11+6	14+7	

3) What made Santa feel sick and tired over Christmas?

Letter												
Number												
Fact	11+14	13+4	30-9		17+13	27-15	21-13		5+9	11+7	25-8	29-18

Answers:

1) _____ 2) _____ 3) _____



Name

Date



CHRISTMAS CODEBREAKER 3A ANSWERS

ADDITION AND SUBTRACTION FACTS TO 30

F	P	A	H	D	I	N	E	W	T	B	S	L	!
17	22	12	25	8	17	6	14	27	4	30	21	18	11

1) **What do you call the dog who works for Father Christmas?**

Letter	S	A	N	T	A		P	A	W	S
Number	21	12	6	4	12		22	12	27	21
Fact	14+7	25-13	19-13	21-17	20-8		9+13	30-18	14+13	5+16

2) **What do you get if you eat a Christmas decoration?**



Letter	T	I	N	S	I	L	I	T	I	S
Number	4	17	6	21	17	18	17	4	17	21
Fact	17-13	22-5	20-14	13+8	9+8	27-9	30-13	23-19	11+6	14+7

3) **What made Santa feel sick and tired over Christmas?**

Letter	H	I	S		B	A	D		E	L	F	!
Number	25	17	21		30	12	8		14	18	17	11
Fact	11+14	13+4	30-9		17+13	27-15	21-13		5+9	11+7	25-8	29-18

Answers:

1) Santa Paws

2) Tinsilitis

3) His bad elf