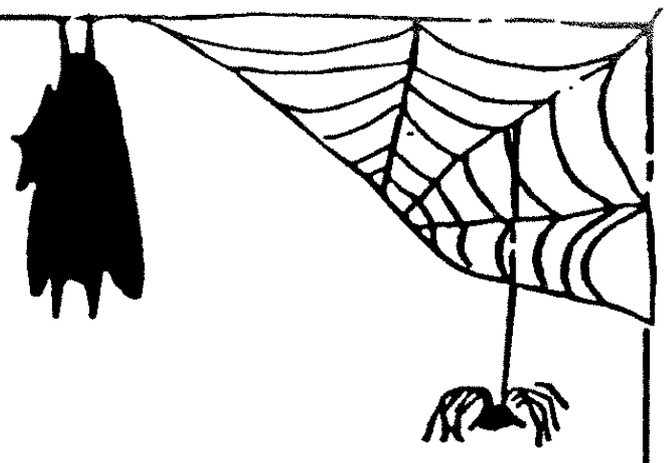

Hallowe'en Math

Table of Contents

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2. **Student Activity Checklist/Teacher Evaluation**
3. **Numbers**

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Subtraction	i)	facts on cauldrons (self-checking) (-1 to -10)
Multiplication	i)	facts on pumpkins (self-checking) (x2 to x11)
	ii)	sets of picture arrays for introductory multiplication
	iii)	Ghost Bingo (8 cards and 1 blank) 2 recording sheets included: 1 to be cut up for calling out facts and placing on the other sheet.)
Division	i)	Blank candy kisses to divide among treat bags
Fact Maze	i)	Crack the Code: + and – facts in a spider's web.

B. Problem Solving:
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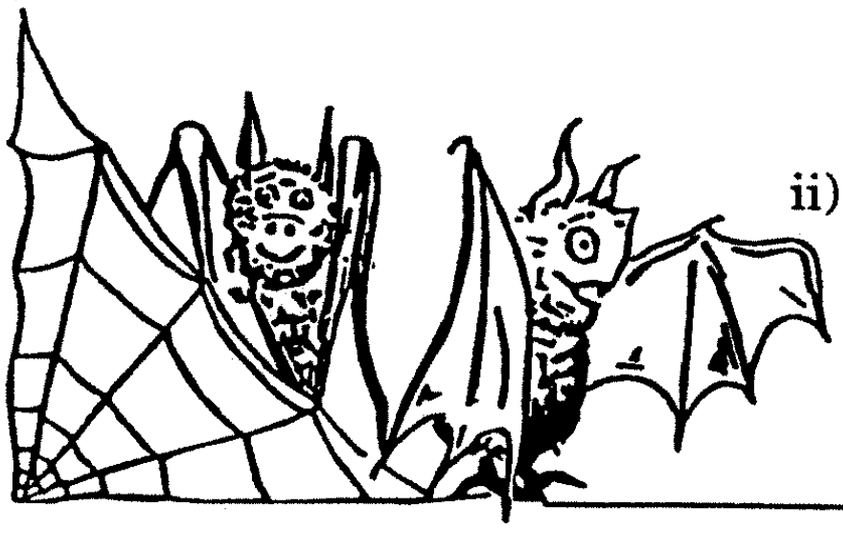
- colour counting patterns
- completing counting patterns
- creating counting patterns
- before / after
- greater than / less than

ii) Place Value – matching number ghosts with correct picture or expanded form



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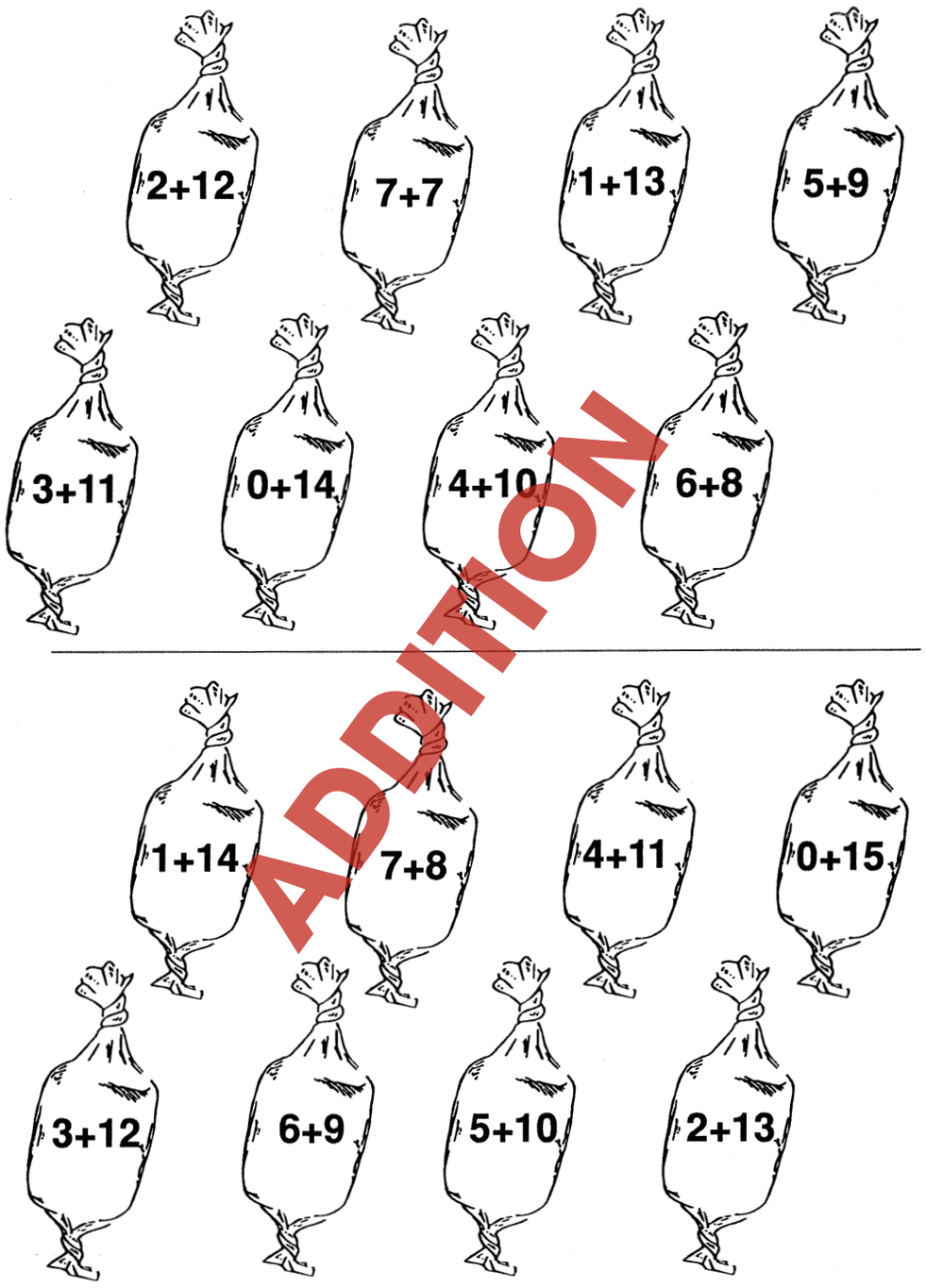

ADDITION

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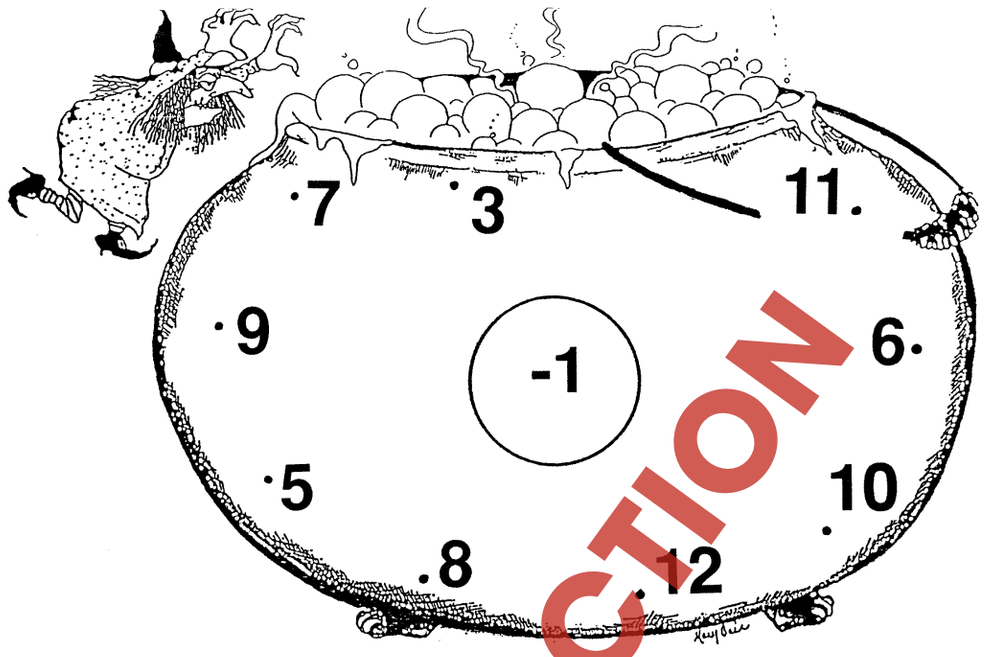

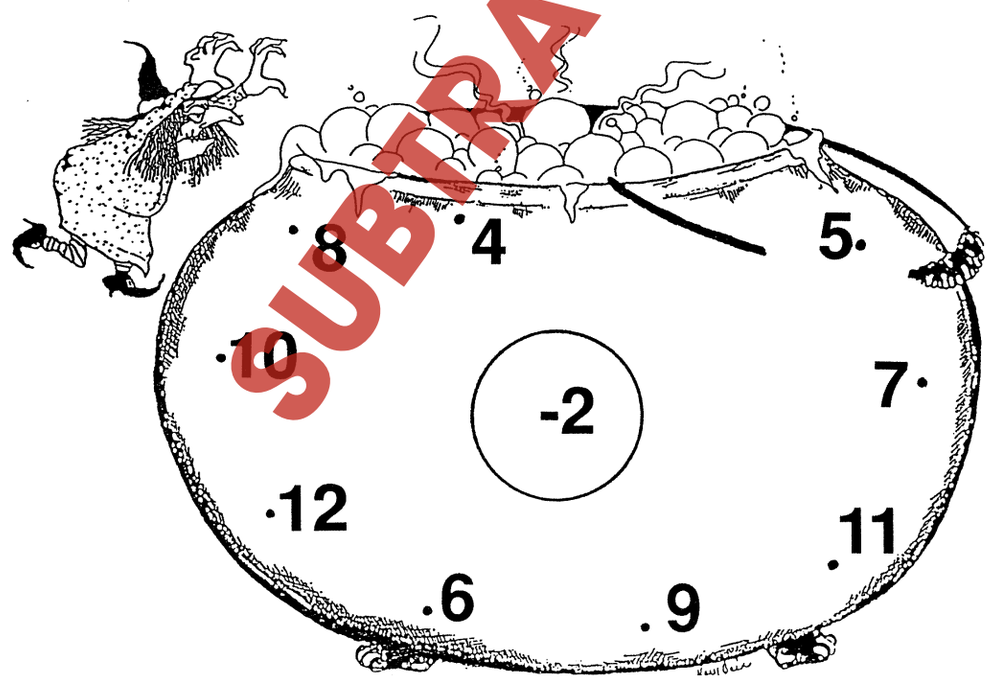

SUBTRACTION

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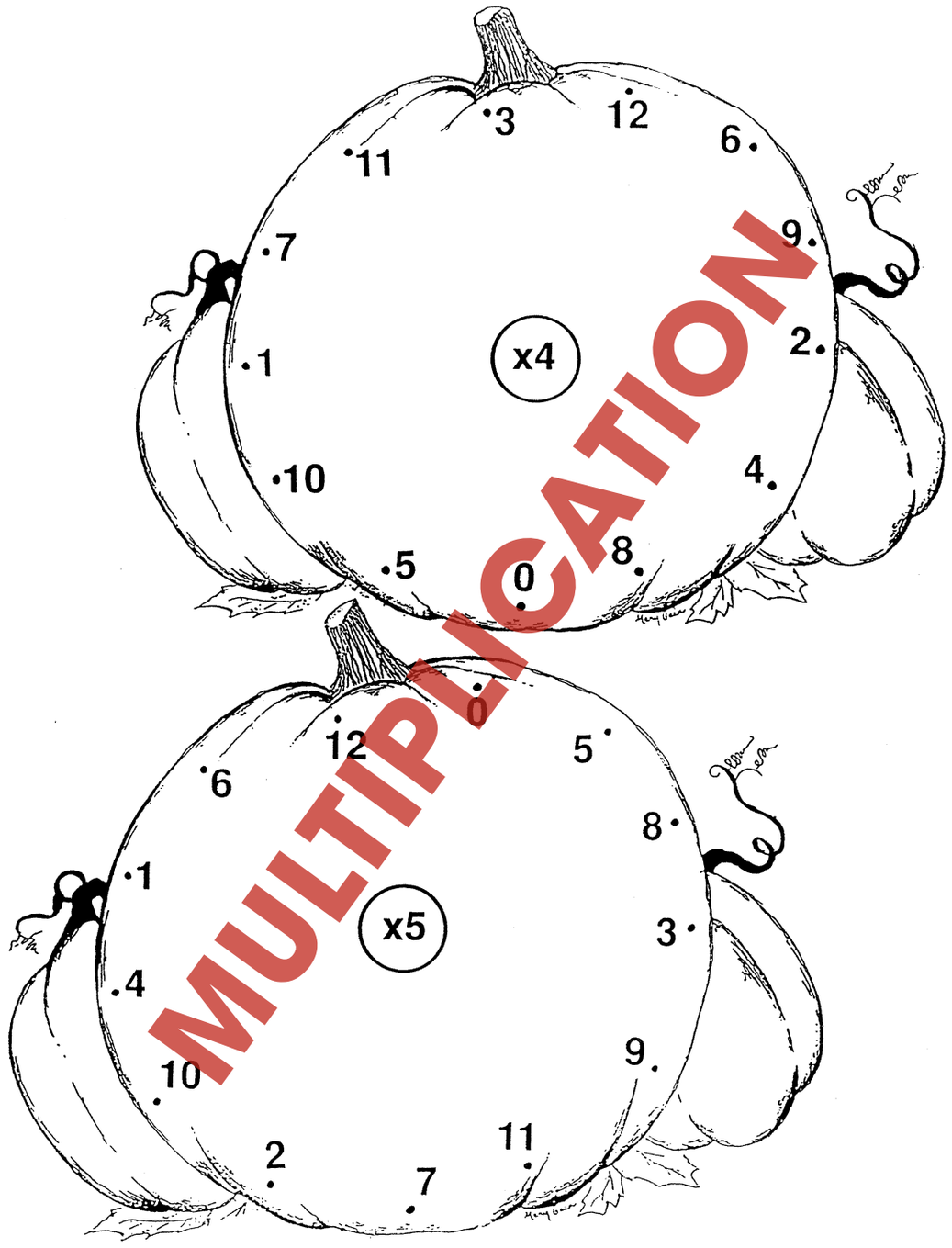

MULTIPLICATION

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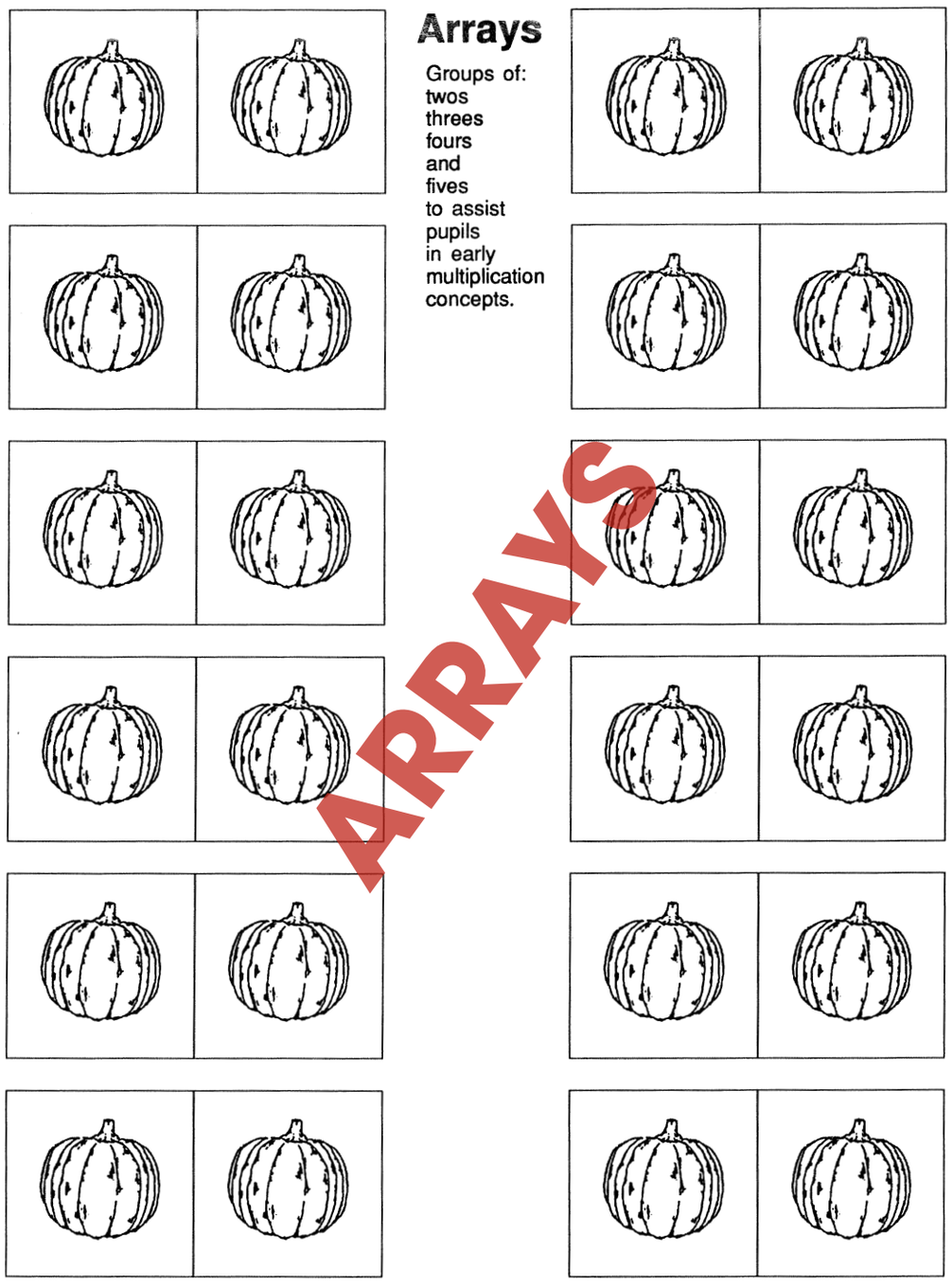
Arrays

Groups of:
twos
threes
fours
and
fives
to assist
pupils
in early
multiplication
concepts.



ARRAYS

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Bingo – sheet of facts to be cut out and drawn by the caller to put on the master sheet on next page.

G 1x	H 2x	O 3x	S 4x	T 5x
0x1=0	0x2=0	0x3=0	0x4=0	0x5=0
1x1=1	1x2=2	1x3=3	1x4=4	1x5=5
2x1=2	2x2=4	2x3=6	2x4=8	2x5=10
3x1=3	3x2=6	3x3=9	3x4=12	3x5=15
4x1=4	4x2=8	4x3=12	4x4=16	4x5=20
5x1=5	5x2=10	5x3=15	5x4=20	5x5=25
6x1=6	6x2=12	6x3=18	6x4=24	6x5=30
7x1=7	7x2=14	7x3=21	7x4=28	7x5=35
8x1=8	8x2=16	8x3=24	8x4=32	8x5=40
9x1=9	9x2=18	9x3=27	9x4=36	9x5=45
10x1=10	10x2=20	10x3=30	10x4=40	10x5=50
11x1=11	11x2=22	11x3=33	11x4=44	11x5=55
12x1=12	12x2=24	12x3=36	12x4=48	12x5=60

BINGO

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Crack The Code

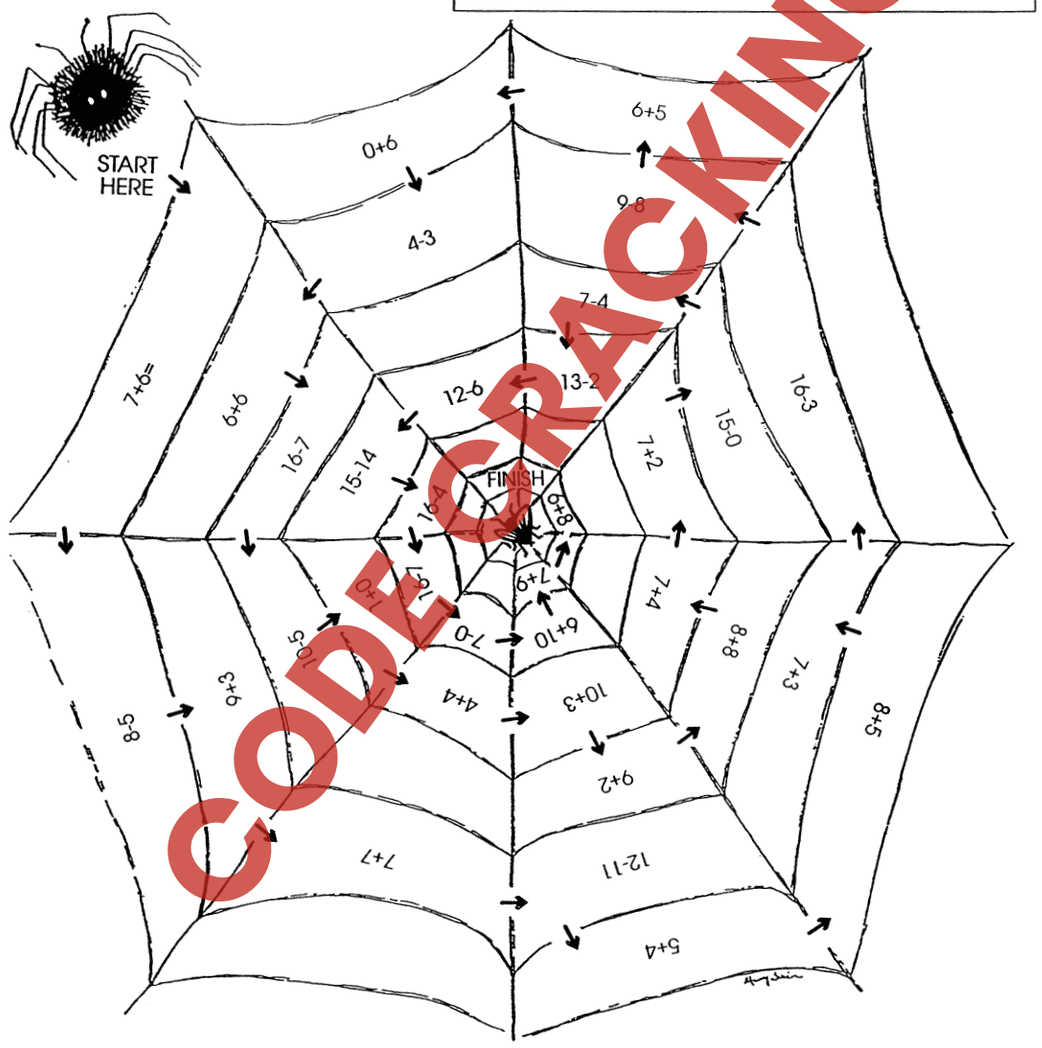
Help the spider catch his prey. Lead him through the maze. Put your answers **in order.**
When you are finished match your numbers to the letter to find a spider fact.

Answers:

13 _____ _____ _____ _____ _____ _____ _____

S _____ _____ _____ _____ _____ _____ _____ _____

CODE 1➔E 5➔W 7➔F 9➔R 11➔T 13➔S 15➔A
3➔P 6➔H 8➔B 10➔U 12➔T 14➔D 16➔O



CODE CRACKING

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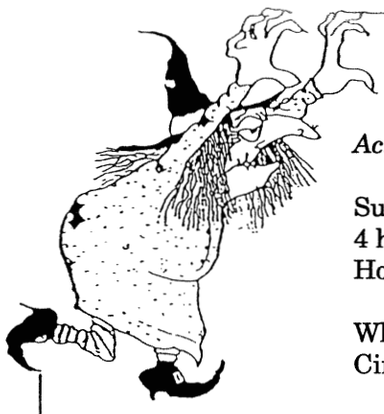

Activity Card #1

Suzie went trick-or-treating at 5 houses on Elm St., 4 houses on Ghost Ave., and 3 houses on Witchy Ct. How many houses did she visit altogether?

What should you do to find the answer?
Circle one:

add
subtract
multiply
divide

Use the box to show how you found your answer.

Activity Card #2

On Hallowe'en night, Melanie was given 7 chocolate bars, 2 apples, and 6 candy kisses.
How many treats did she get altogether?

What should you do to find the answer?
Circle one:

add
subtract
multiply
divide

Use the box to show how you found your answer.

ACTIVITY CARDS

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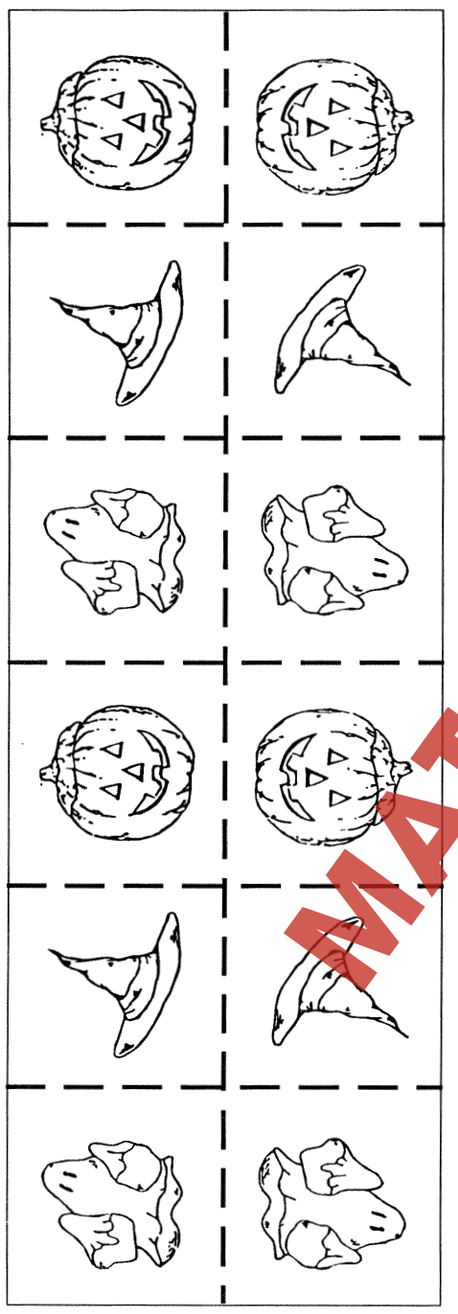
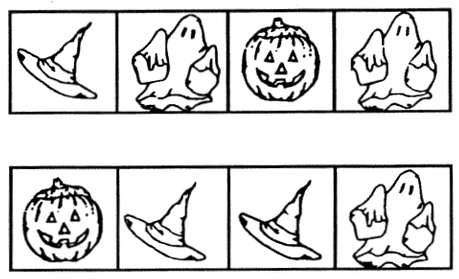
Fold and Match





Pupils cut out the pictures above on the solid line. Fold along middle line lengthwise. Then fold on the other lines accordian-style. Using the picture sets below, try to reproduce each group of pictures by folding your strip of pictures backwards or forwards.

MATCHING

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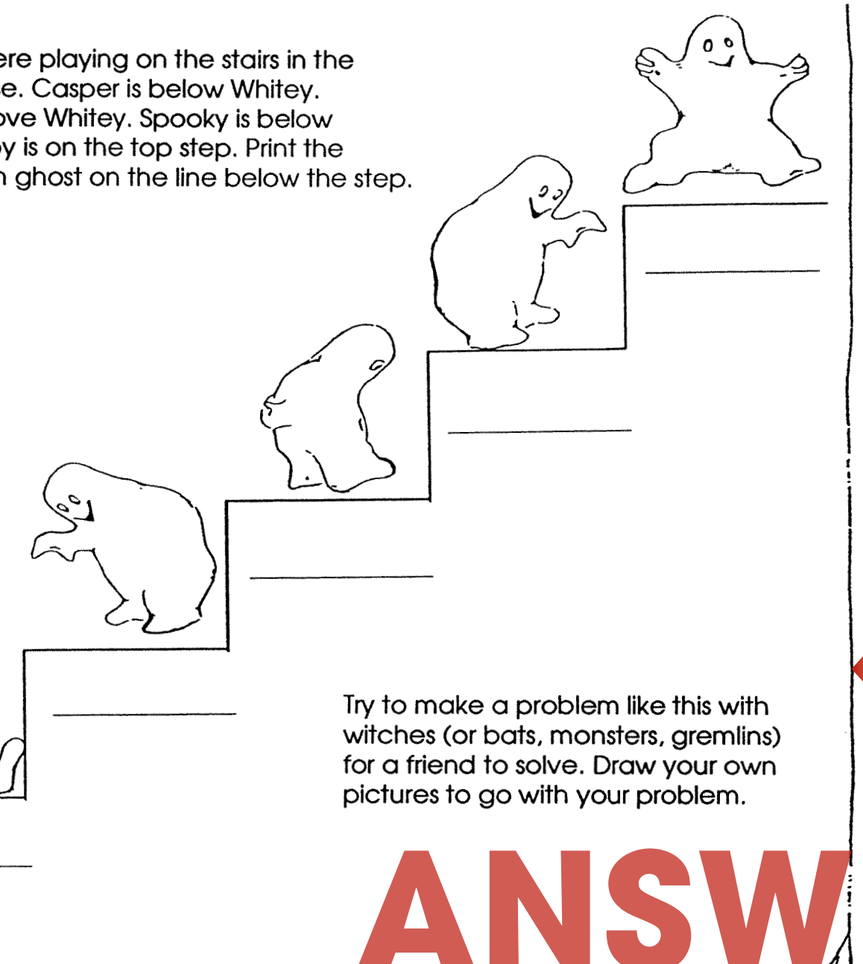
BOO-WHO?

Five ghosts were playing on the stairs in the haunted house. Casper is below Whitey. Bubbles is above Whitey. Spooky is below Casper. Happy is on the top step. Print the name of each ghost on the line below the step.



Try to make a problem like this with witches (or bats, monsters, gremlins) for a friend to solve. Draw your own pictures to go with your problem.

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Hallowe'en Math

Answer Sheet

Page 35 Crack the Code: spiders use their webs to trap their food

Pages 37-43 Problem Solving Activities:

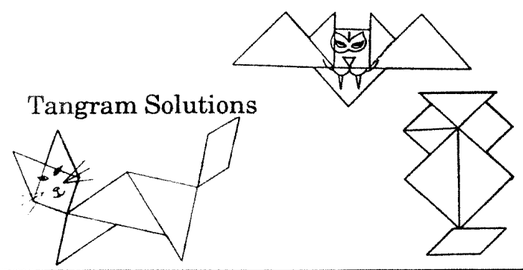
1. 5 + 4 + 3 = 12
2. 7 + 2 + 6 = 15
3. 15 - 6 = 9
4. 29 - 14 = 15
5. 6 x 4 = 24
6. 3 x 7 = 21
7. 21 ÷ 3 = 9
8. 60 ÷ 12 = 5
9. 18
10. Bat & Gremlins 11 + 10 = 21
    Witch & Goblin 12 + 9 = 21
    Ghost & Toads 7 + 14 = 21
11. haunted house + broom + cauldron + jack-o'-lantern
    10 + 5 + 9 + 1 = 25
    or haunted house + haunted house + witch + jack-o'-lantern
    10 + 10 + 4 + 1 = 25
    (other solutions possible)
12. Happy, Bubbles, Whitey, Casper, Spooky

Page 47 Magic Squares
1, 3, and 4 are magic, 2 is not

Page 48 Magic Squares

2	9	4
7	5	3
6	1	8

Pages 89-91 Tangram Solutions



ANSWER KEY

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