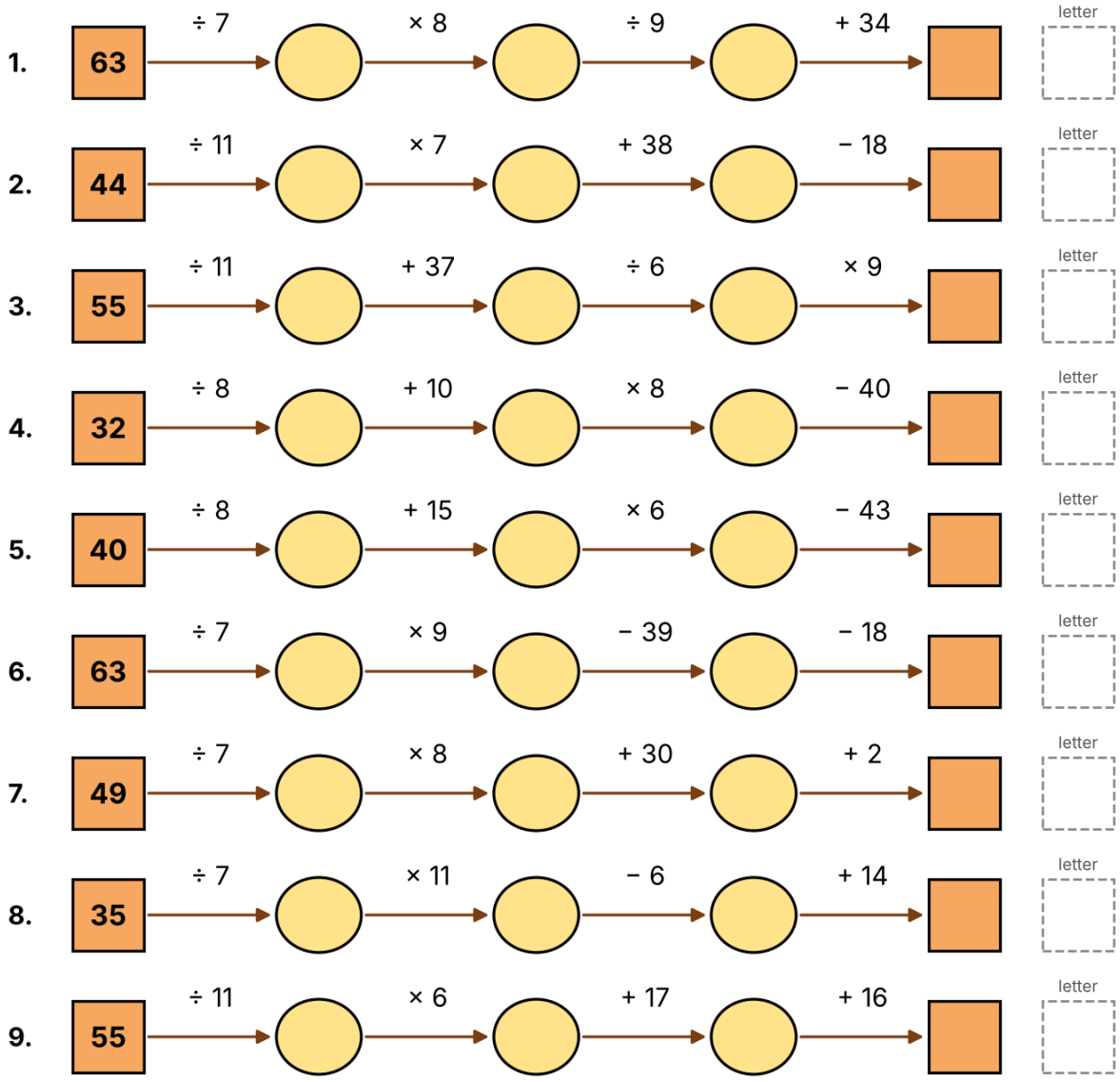
Autumn Riddle Trail

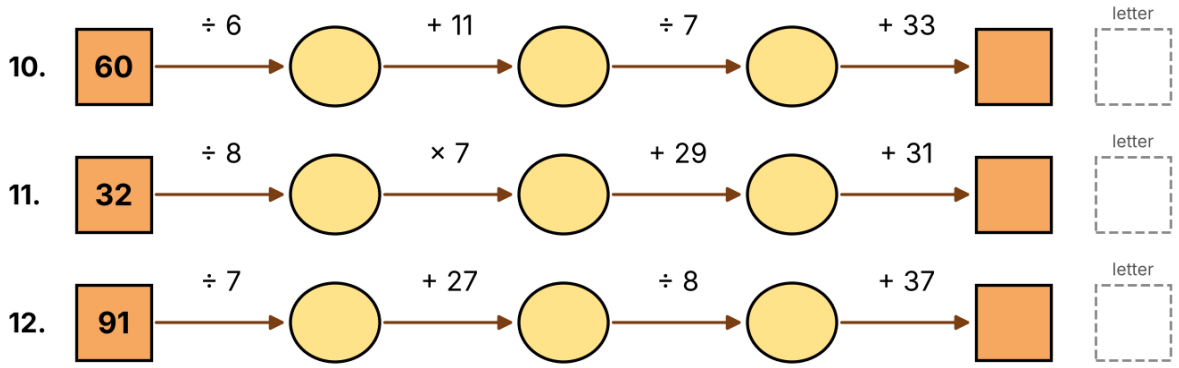
Code table (used for both riddles)

24	27	28	32	35	36	42	45	48	49	54
B	C	N	D	G	I	S	M	T	U	K
56	63	64	66	72	77	81	88	96	99	
O	R	L	H	A	W	Q	E	P	F	

1. What is a scarecrow's favourite fruit?

Start with the number in the orange box. Do each step in order and write the result in the next circle. The last result goes in the orange box at the end. Find it in the code table and write its letter in the dashed box. Then copy the letters, in order, into the word boxes. The smiley marks the space between words.





The scarecrow's favourite fruit:

					☺							

2. What is a pumpkin's favourite sport?

No chains here. Work out each expression using the order of operations: brackets first, then × and ÷ from left to right, then + and − from left to right. Show your steps in the box. Find the answer in the code table and write its letter.

1. $6 \times 9 - 72 \div 6$ **Answer: _____ Letter: ____**	**2. $9 \times (56 \div 7 + 1)$** **Answer: _____ Letter: ____**
3. $7 \times 8 - 63 \div 9$ **Answer: _____ Letter: ____**	**4. $8 \times 9 - 99 \div 11 + 81 \div 9$** **Answer: _____ Letter: ____**
5. $6 \times 7 + 54 \div 9 - 6$ **Answer: _____ Letter: ____**	**6. $7 \times 9 + 24 \div 8$** **Answer: _____ Letter: ____**

The pumpkin's favourite sport:

Answer Key (for the teacher)

1. STRAW BERRIES

1. 63 → 9 → 72 → 8 → 42 → S
2. 44 → 4 → 28 → 66 → 48 → T
3. 55 → 5 → 42 → 7 → 63 → R
4. 32 → 4 → 14 → 112 → 72 → A
5. 40 → 5 → 20 → 120 → 77 → W
6. 63 → 9 → 81 → 42 → 24 → B
7. 49 → 7 → 56 → 86 → 88 → E
8. 35 → 5 → 55 → 49 → 63 → R
9. 55 → 5 → 30 → 47 → 63 → R
10. 60 → 10 → 21 → 3 → 36 → I
11. 32 → 4 → 28 → 57 → 88 → E
12. 91 → 13 → 40 → 5 → 42 → S

2. SQUASH

1. $6 \times 9 - 72 \div 6$ → $54 - 12 = 42$ → S
2. $9 \times (56 \div 7 + 1)$ → $9 \times (8 + 1) = 9 \times 9 = 81$ → Q
3. $7 \times 8 - 63 \div 9$ → $56 - 7 = 49$ → U
4. $8 \times 9 - 99 \div 11 + 81 \div 9$ → $72 - 9 + 9 = 72$ → A
5. $6 \times 7 + 54 \div 9 - 6$ → $42 + 6 - 6 = 42$ → S
6. $7 \times 9 + 24 \div 8$ → $63 + 3 = 66$ → H