NUMBER BEASTS / PAPER PUZZLE

Predict the leftover

Each beast needs ten. Start with the launch number and visit the beasts in order.

Below 10: the beast grows and the shot stops. Exactly 10: the beast clears and the shot stops. Above 10: the beast clears. Subtract 10 and carry the leftover to the next beast.

WORKED ROUTE

Launch 7 First beast 5 Next beast 8

7 + 5 = 12, so 2 carries forward. Then 2 + 8 = 10. Both clear. The shot ends.

1. Trace three launches

After each hit, write the carry or write STOP. Write UNTOUCHED if the shot never arrives.

Launch	First beast	Next beast	After first hit	After second hit
6	8	6	_____	_____
8	8	9	_____	_____
3	6	9	_____	_____

2. Work backward

Fill the missing number so both beasts clear and nothing spills out at the end.

A. Launch 9 First beast _____ Next beast 6

B. Launch _____ First beast 7 Next beast 8

Show how you know: _____

FOLD THIS STRIP UNDER WHILE SOLVING / ANSWER KEY

1. First row: carry 4, then STOP at ten. Second row: carry 6, then carry 5 (a spill).
Third row: STOP at nine; the second beast is UNTOUCHED.
2A. First beast 5: 9 + 5 = 14, then 4 + 6 = 10. 2B. Launch 5: 5 + 7 = 12, then 2 + 8 = 10.

Play the browser example **Number Beasts on the App Store**

Honest Little Apps / Original companion activity. Permission to print and share for classroom use.