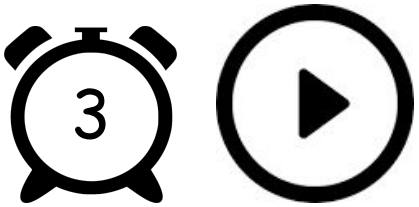
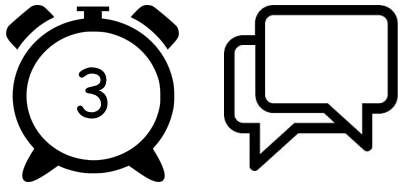
Modeling Fractions Greater Than 1



How many wholes can you make with 3 halves?

How many wholes can you make with 5 fourths?

Use the tool to solve then draw and label your solution on your handout.



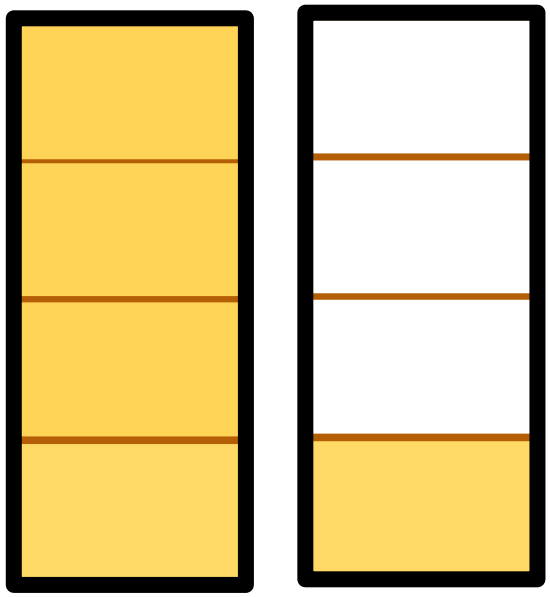
Share Your Strategy

How many wholes can you make with 3 halves?

How many wholes can you make with 5 fourths?

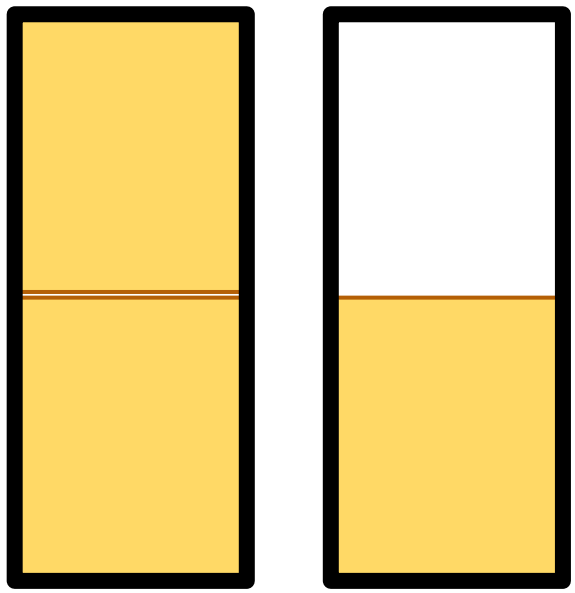
Summarize

1 and 1 fourth



5 fourths = $\frac{5}{4}$

1 and 1 half

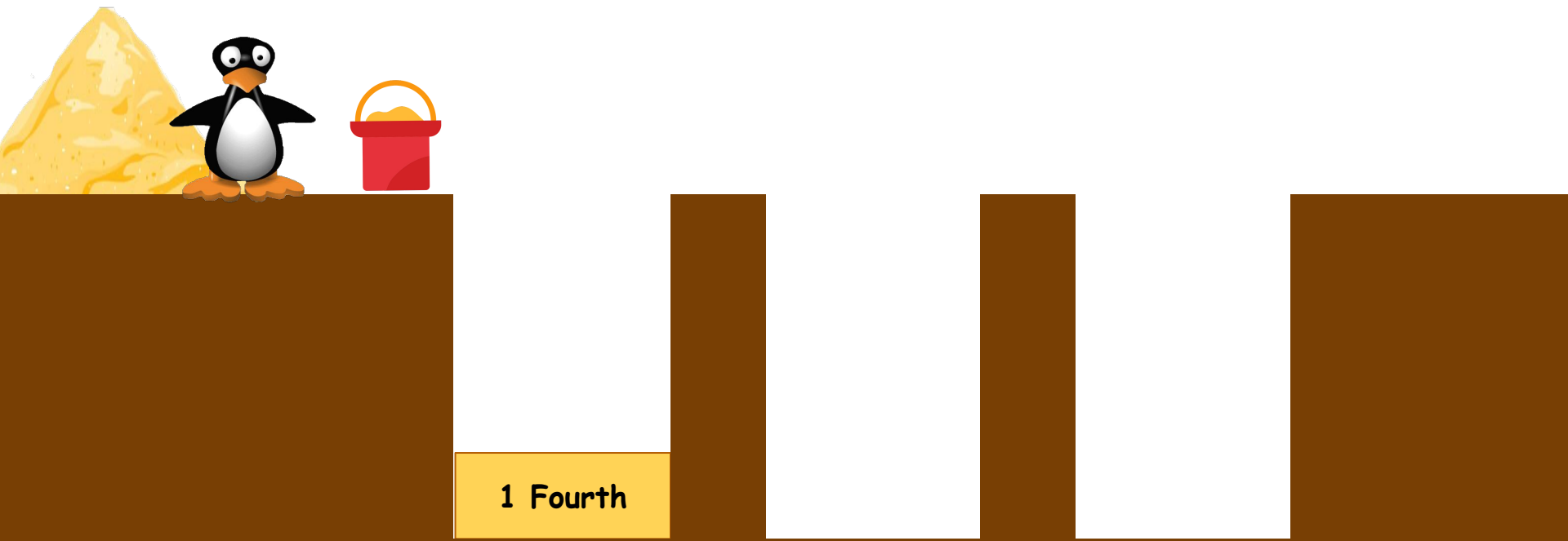


3 halves = $\frac{3}{2}$

3

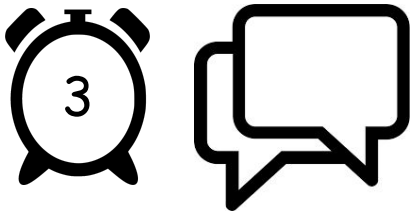
One bucket of sand filled 1 fourth of a pit.

How many pits are left to fill?



How many buckets are needed to fill them?

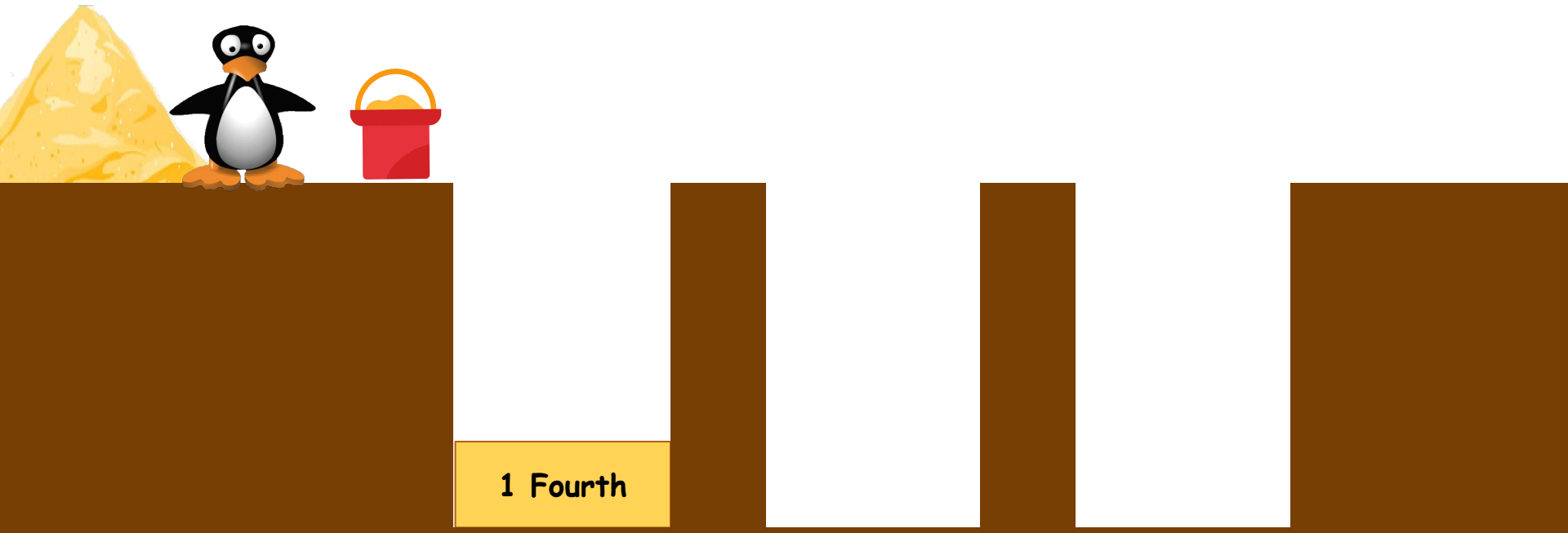
Use the tool to solve then draw and label your solution on your handout.



Discuss

One bucket of sand filled 1 fourth of a pit.

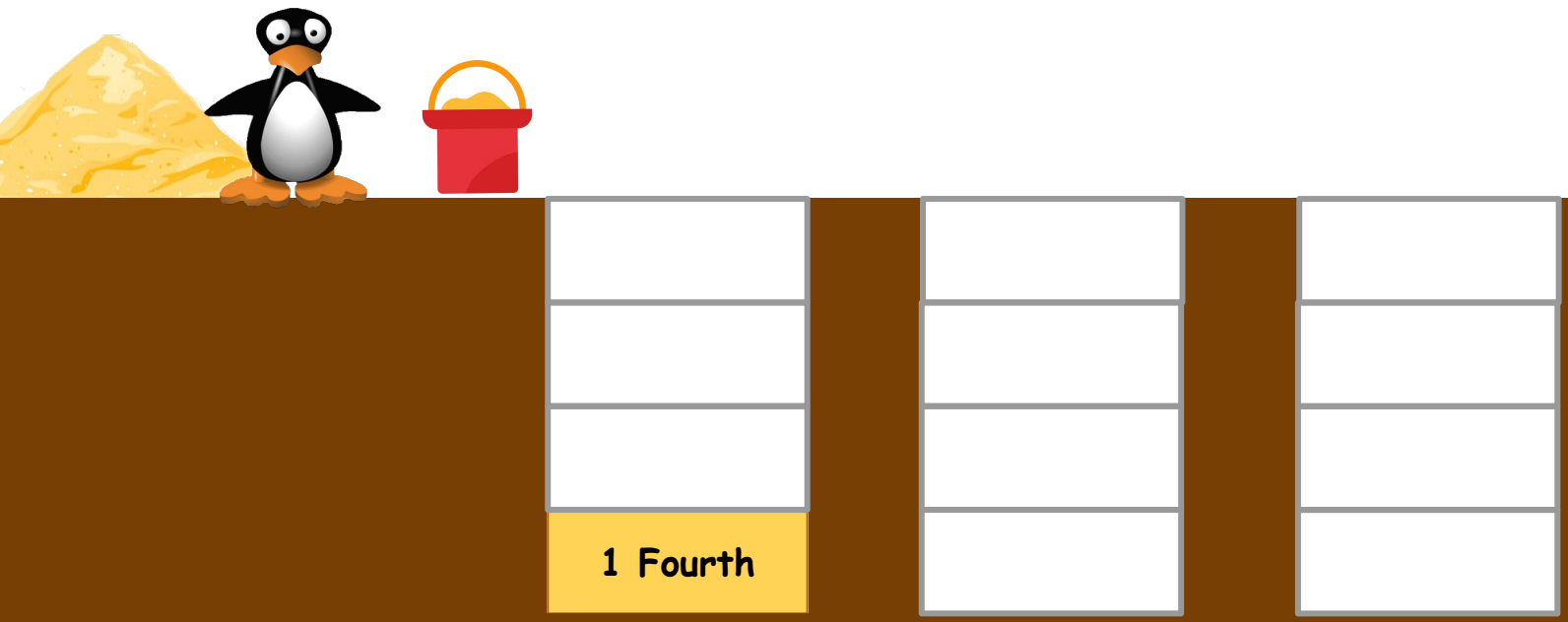
How many pits are left to fill?



How many buckets are needed to fill them?

Summarize

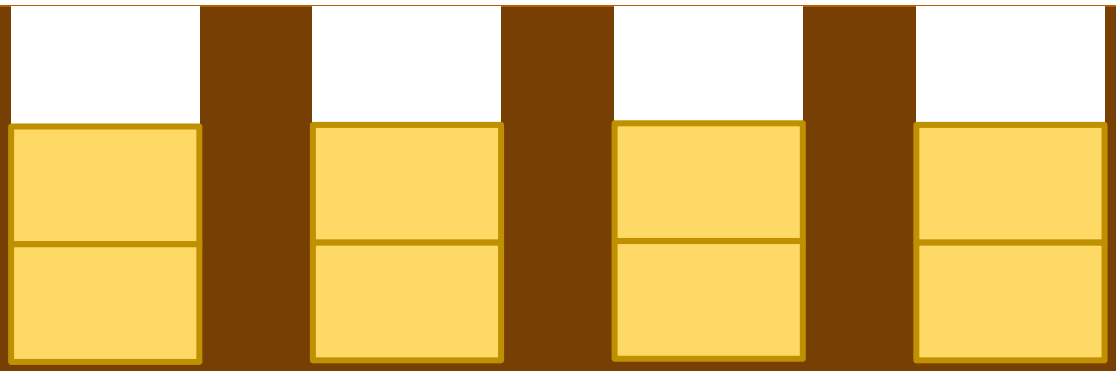
11 fourths filled _____ and 3 fourths of a pit.



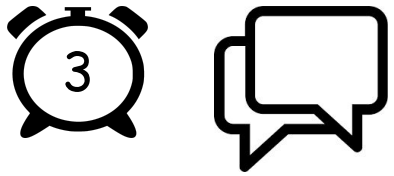
3

One pile of sand fills one whole pit.

How many more piles of sand does JiJi need?



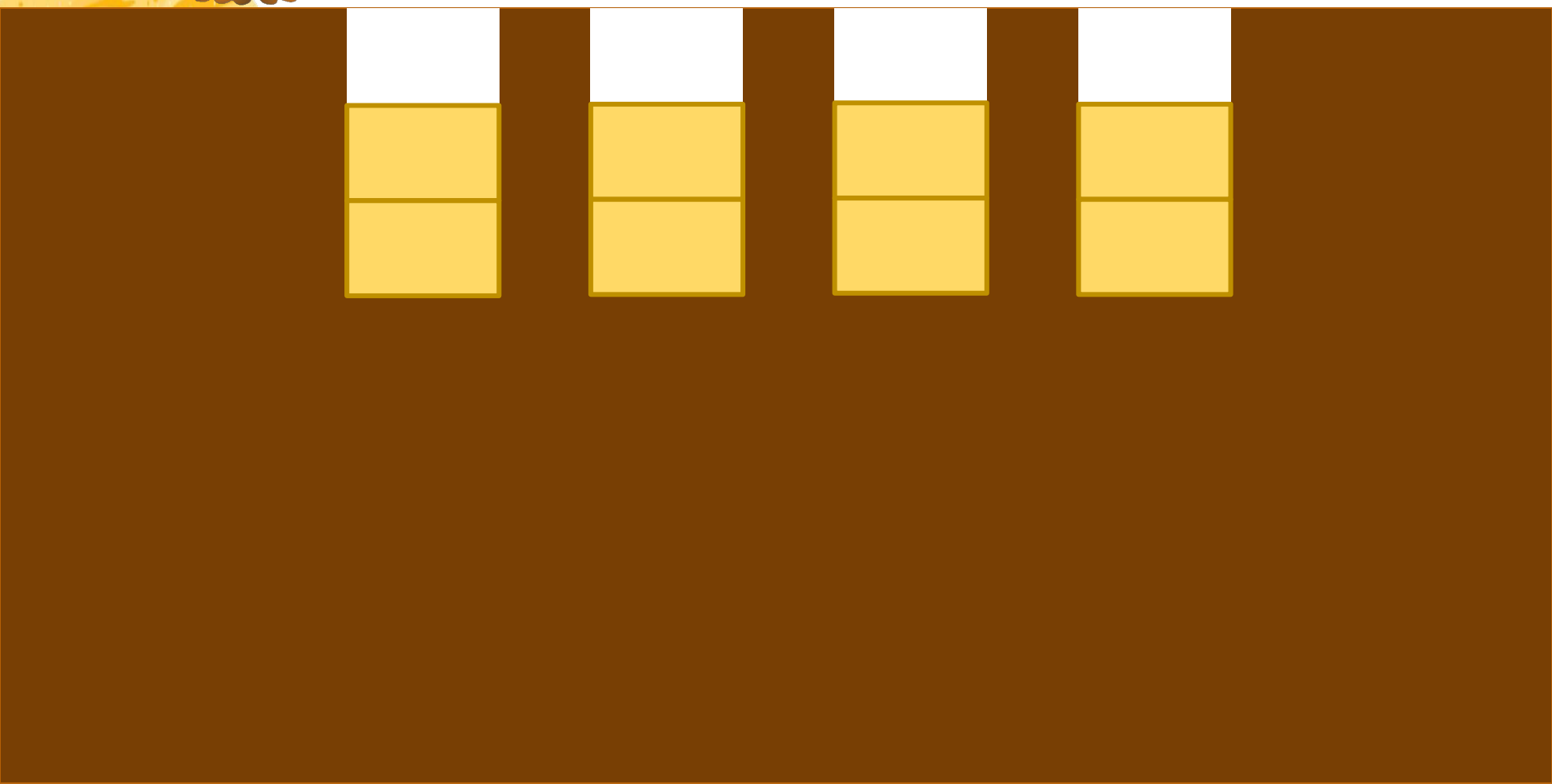
Use the tool to solve then draw and label your solution on your handout.



Discuss

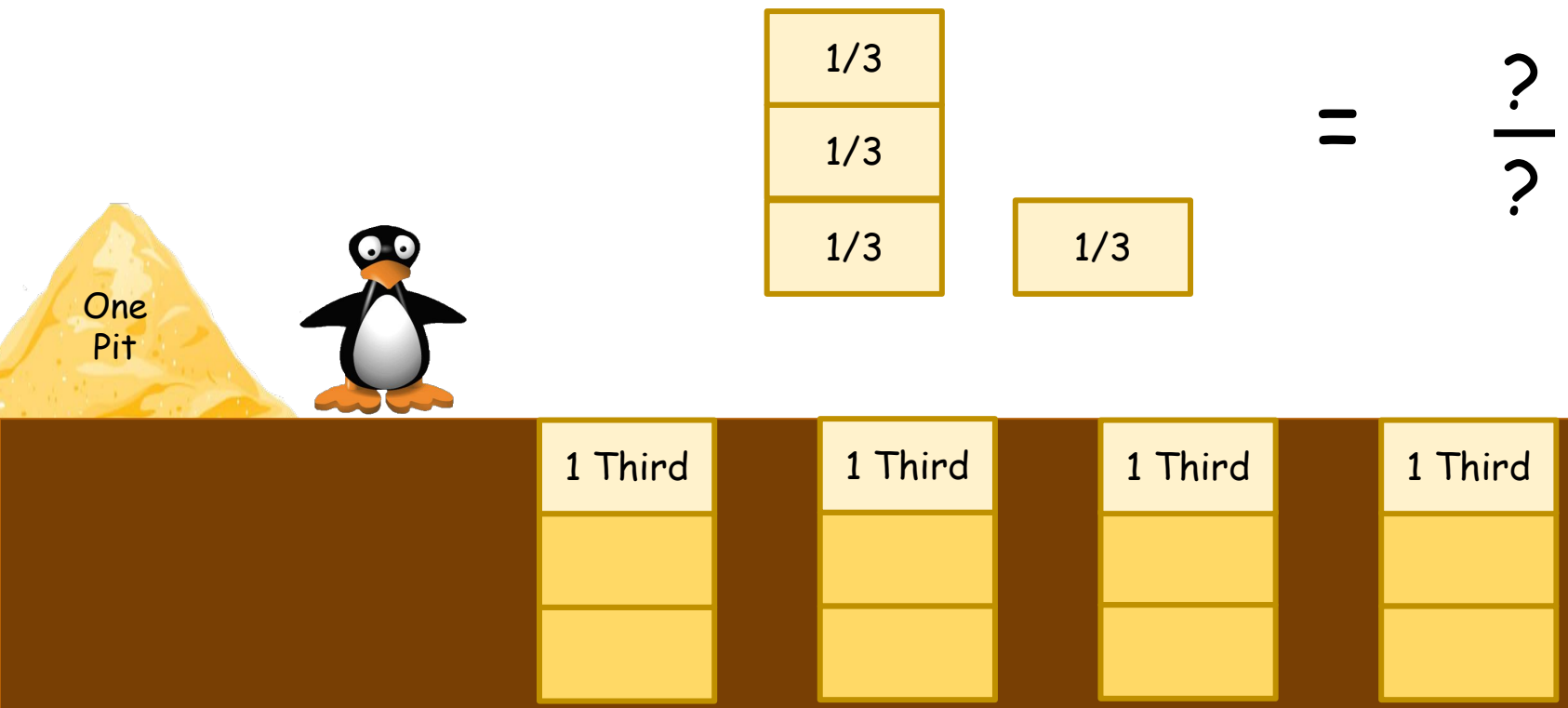
One pile of sand fills one whole pit.

How many more piles of sand does JiJi need?



Summary

JiJi needs 1 and 1 third of a pile to finish



What's another way of writing 1 and 1 third?

Which of these fractions is more than a whole?

How do you know?

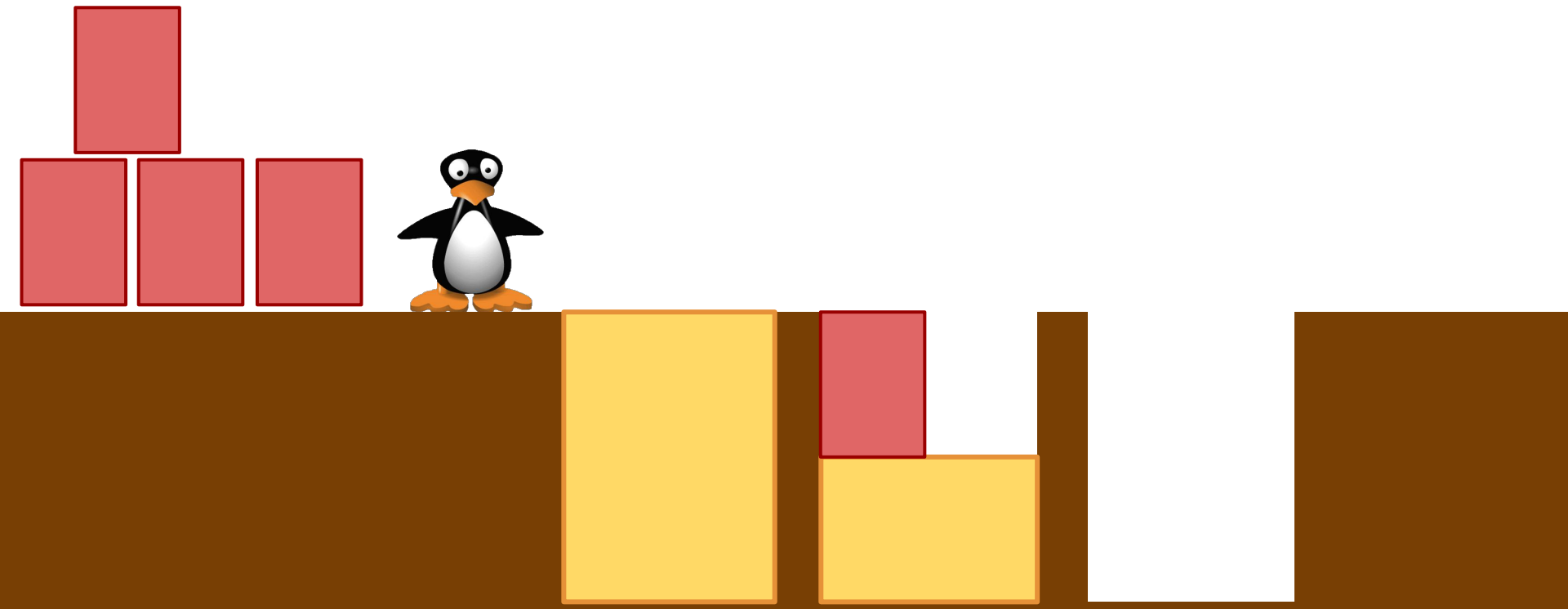
$\frac{7}{3}$ $\frac{7}{8}$ $\frac{8}{6}$ $\frac{5}{6}$ $\frac{3}{4}$

Draw them on your organizer.

Bonus Question!

JiJi has run out of sand!

How many pits was JiJi able to fill with sand?



Are there enough bricks to fill in the rest?