

Compare cones, round counts

Pinecones

Name _____

Date _____

Show your thinking with numbers, marks, or words.

1. Little counts 47 open cones and 74 closed cones on two trays. Fill the circle with $>$, $<$, or $=$. Which count is greater?

47 ○ 74

Show your thinking.

2. Big records 32 visible scales. What is this count rounded to the nearest ten?

32 → nearest ten: ____

Show your thinking.

3. One notebook shows 68 dry cones; another shows 59 damp cones. Fill the circle with $>$, $<$, or $=$. Which count is greater?

68 ○ 59

Show your thinking.

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4. Little draws 85 moisture marks beside the cone pictures. What is the count rounded to the nearest ten?

85 → nearest ten: ____

Show your thinking.

5. Big and Little each count 26 scales on one side of a cone. Fill the circle with $>$, $<$, or $=$. What is the shared count?

26 ○ 26

Show your thinking.

6. A page shows 56 open scales. What is the count rounded to the nearest ten?

56 → nearest ten: ____

Show your thinking.



A woody spiral

Little found a woody seed case. Its scales overlapped in a spiral. Big called it a pinecone. What was hiding inside?



Room for seeds

The dry cone had gaps between its scales. Seeds could slip through those spaces. Little drew its wide, open shape.



A slow closing

The wet cone took in a little water. Its scales bent inward and closed the gaps. Little watched its shape grow narrow.



Two dishes, one clue

Little drew the open cone and the closed cone. When the damp cone dried, spaces began to appear between its scales again.

Make a little book



1 Fold it into 8 boxes. Open it flat.



2 Fold short end to short end. Cut the thick line. Open it.



3 Fold the long way, pictures out. Push the ends in.



4 Fold into a book. Page 1 goes on the front!



Water makes it bend

Parts of a scale take in water differently. This bends the plant tissue. The fallen cone can move without muscles.



A day for seeds

A seed with a thin wing lay beside the open cone. Could dry air help it travel? Little kept the question in the notebook.



Pinecones

WONDER DAILY

A small change, in words

Pinecones • Curiosity day

Name _____

Date _____

Give a clear command for watching a cone.



Room between scales



A cone closes



Two dishes, one clue

Draw an open cone beside a closed cone. Show the gaps between the scales.

pinecone • scale • dry • wet • open • close • seed • slowly

Watch ... tell which cone to observe

Compare ... tell which shapes to compare

Draw ... tell which details to include

Does your command begin with an action word, such as Watch, Compare, or Draw?