

Sharing the Harvest: Bigger Multiplication & Division

Two-digit multiplication and equal sharing

"Big multiplications come apart into easy ones," says Bo. "Split the tens from the ones, work each out, then add."

Worked example. $13 \times 4 = (10 \times 4) + (3 \times 4) = 40 + 12 = 52$. And sharing is the opposite: $52 \div 4 = 13$.

1. Multiply by splitting into tens and ones.

a) $14 \times 3 =$ _____ b) $12 \times 5 =$ _____

2. Bo fills 6 baskets with 13 gumnuts each. How many gumnuts in total?

3. Share equally (no remainder).

a) $48 \div 4 =$ _____ b) $56 \div 7 =$ _____ c) $90 \div 9 =$ _____

4. 60 gumnuts are shared equally among 5 burrows. How many in each? Show how you know.

5. Challenge: Pip says 18×4 is the same as 9×8 . Is she right? Work out both and explain.
