

WODB

9

16

25

43

ole Learning

Learning Intention: Recall understanding of index laws

Success Criteria :

I can work with products and quotients of indices with the same base.

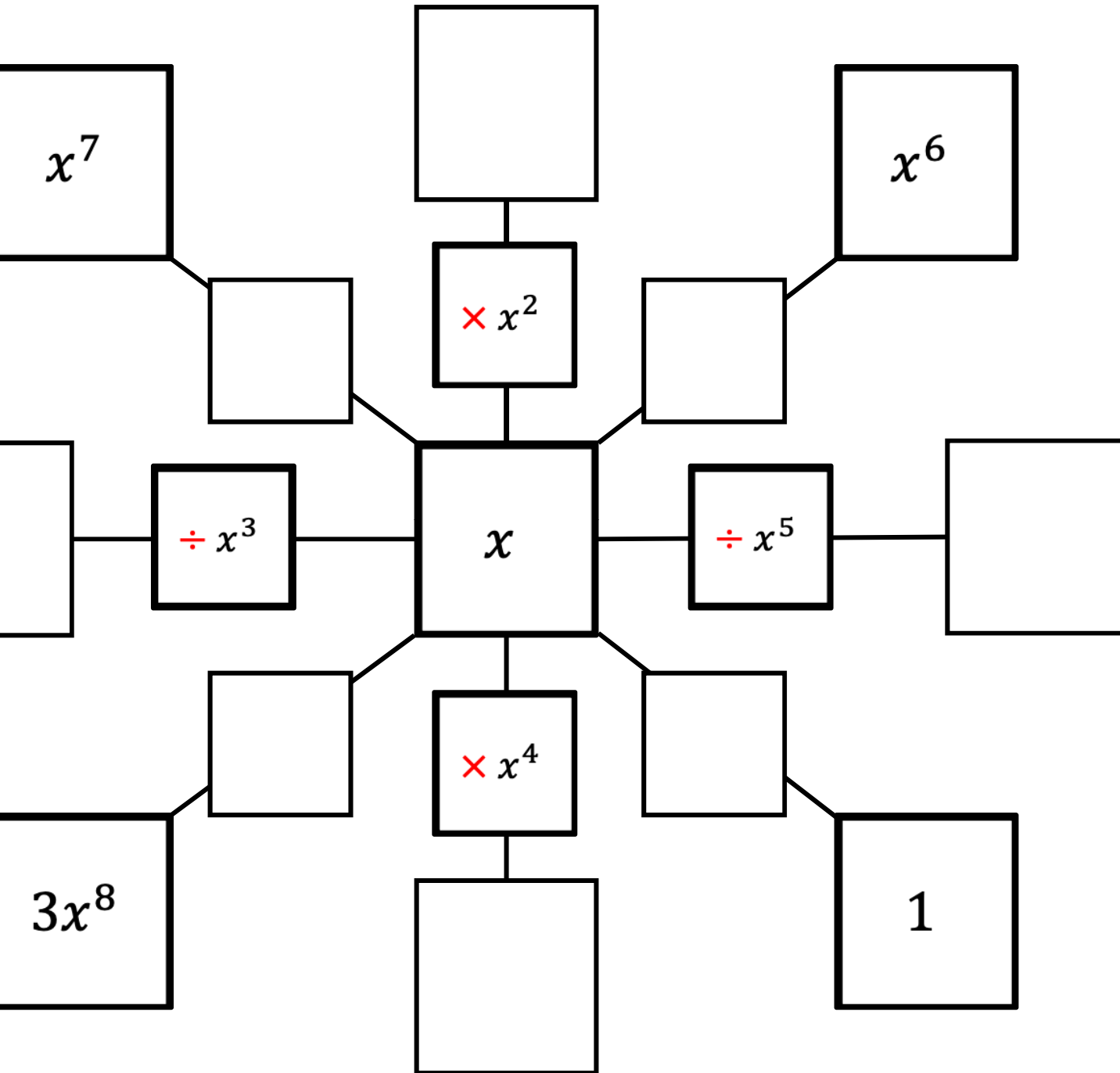
I can apply knowledge of the product rule involving indices raised to a power.

I can express indices in their simplest form including zero and negative indices.

→ ***Random Gro***

Indices Sp (VR Gro

A3 Page on A3 transparen



Groups – Open Middle

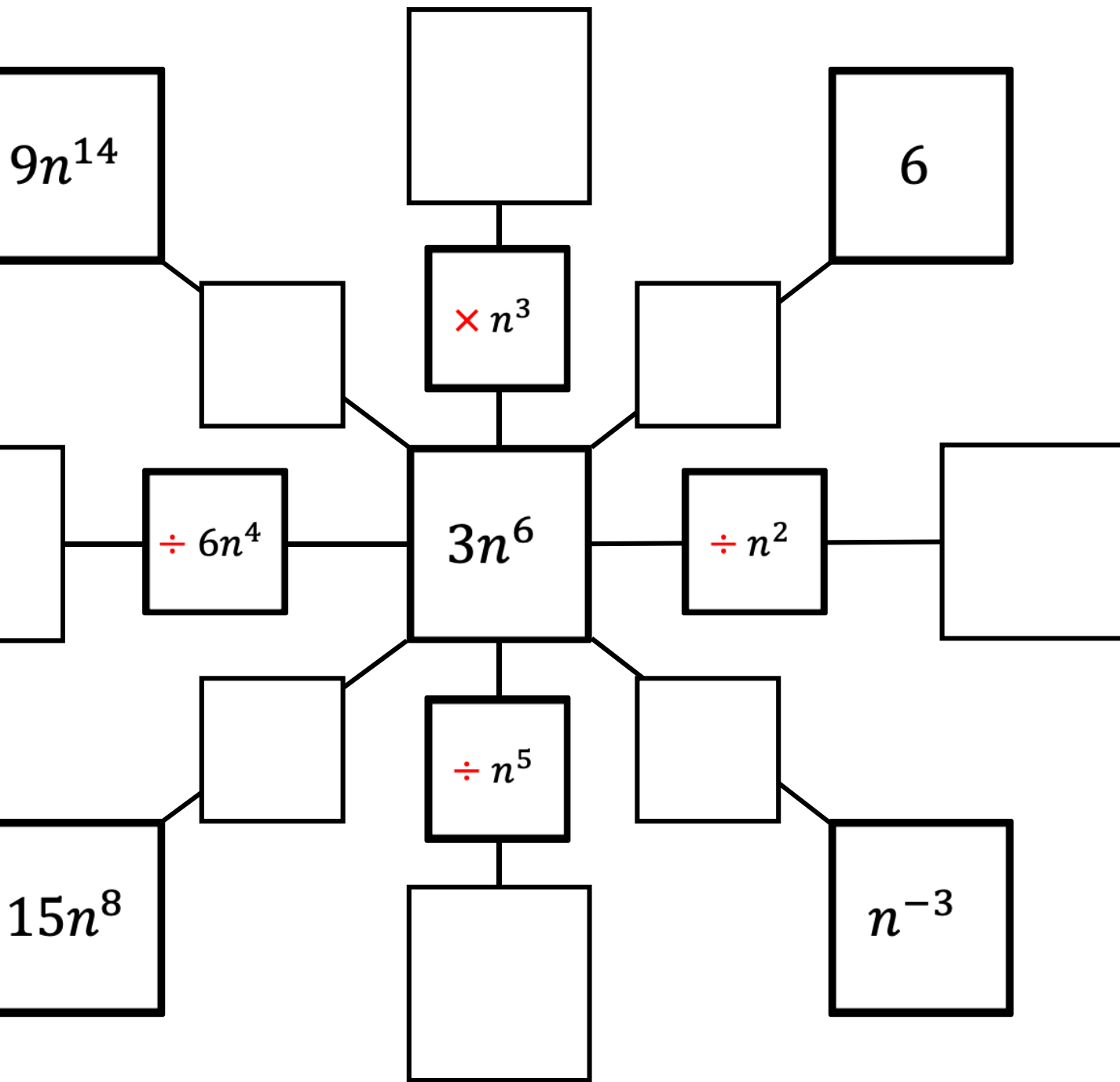
Directions: Using the digits 0 to 9 at most one time each, place a digit in each box to create a result with the greatest exponent.

$$x^{\square} \cdot \left(x^{\square} \right)^{\square} = x^{\square \square}$$

→ *Individual Work*

Indices Spider

Printed A4 Document for Individual



Application of Indices

A desert rock is entirely made up of coarse grains of sandstone, each about 1 mm^3 in size, and is very roughly rectangular, 2 km wide, and 500 m high.

Find the approximate volume of the rock in cubic kilometres.

How many cubic millimetres are in a cubic kilometre? Answer in index notation.

Find the approximate number of grains of sandstone in the rock.

solidate from the bottom

Meaningful Notes

Forget your forgetful self in 3 weeks

Write out solutions with side annotations

→ *Check your understanding*

Maths in Focus Ex 1.01, Cambridge