WODB

9	16
25	43

le Learning

Learning Intention: Recall understanding of index laws

Success Criteria :

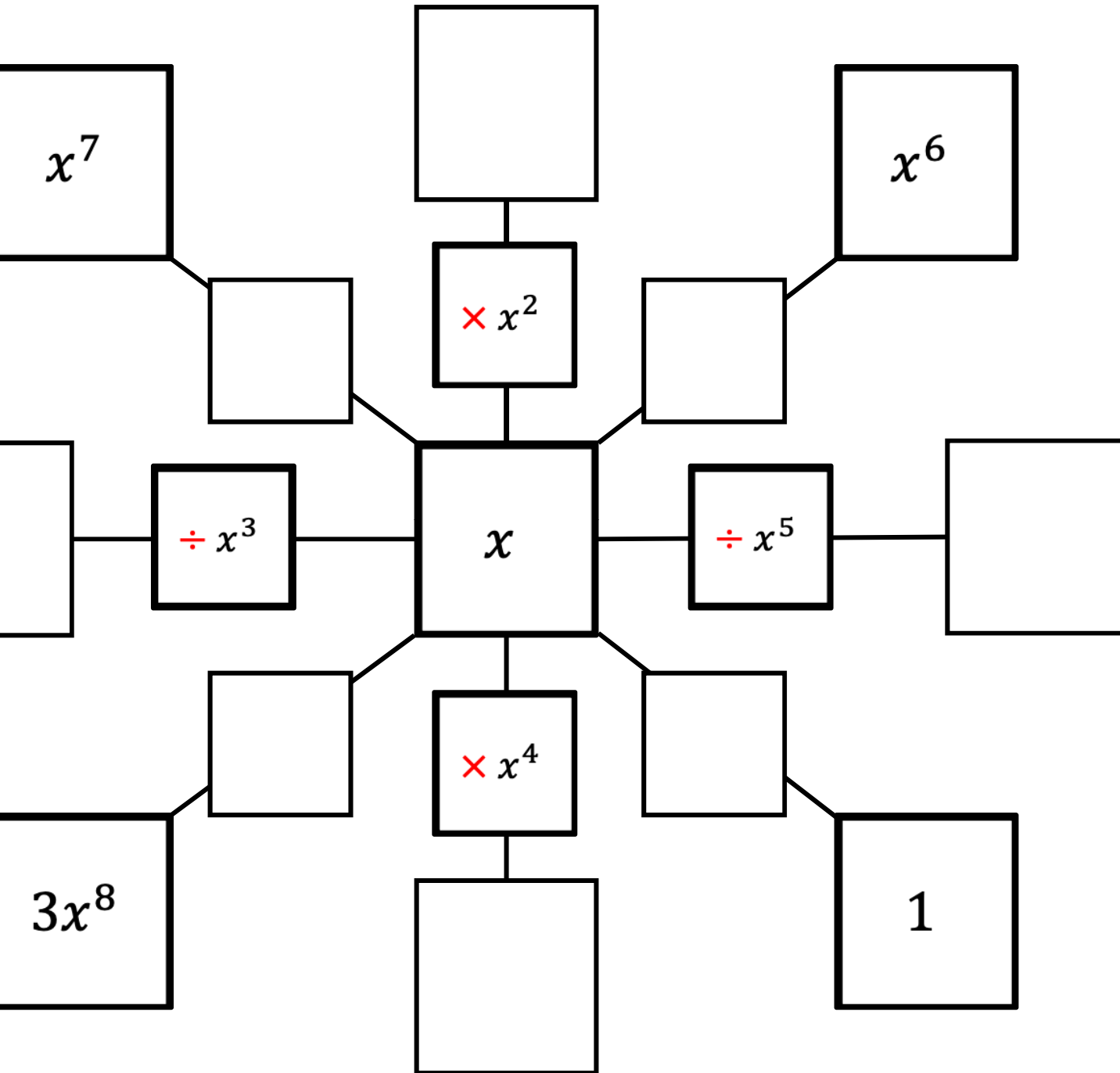I can work with products and quotients of indices with the same base.
I can apply knowledge of the product rule involving indices raised to a power.
I can express indices in their simplest form including zero and negative indices.

→ *Random Gr*

x^7

x^6

$\times\, x^2$

$\div\, x^3$

x

$\div\, x^5$

$\times\, x^4$

$3x^8$

1

Groups – Open Middle

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

→ *Individual W*

$9n^{14}$

6

$\times n^3$

$\div 6n^4$

$3n^6$

$\div n^2$

$\div n^5$

$15n^8$

n^{-3}
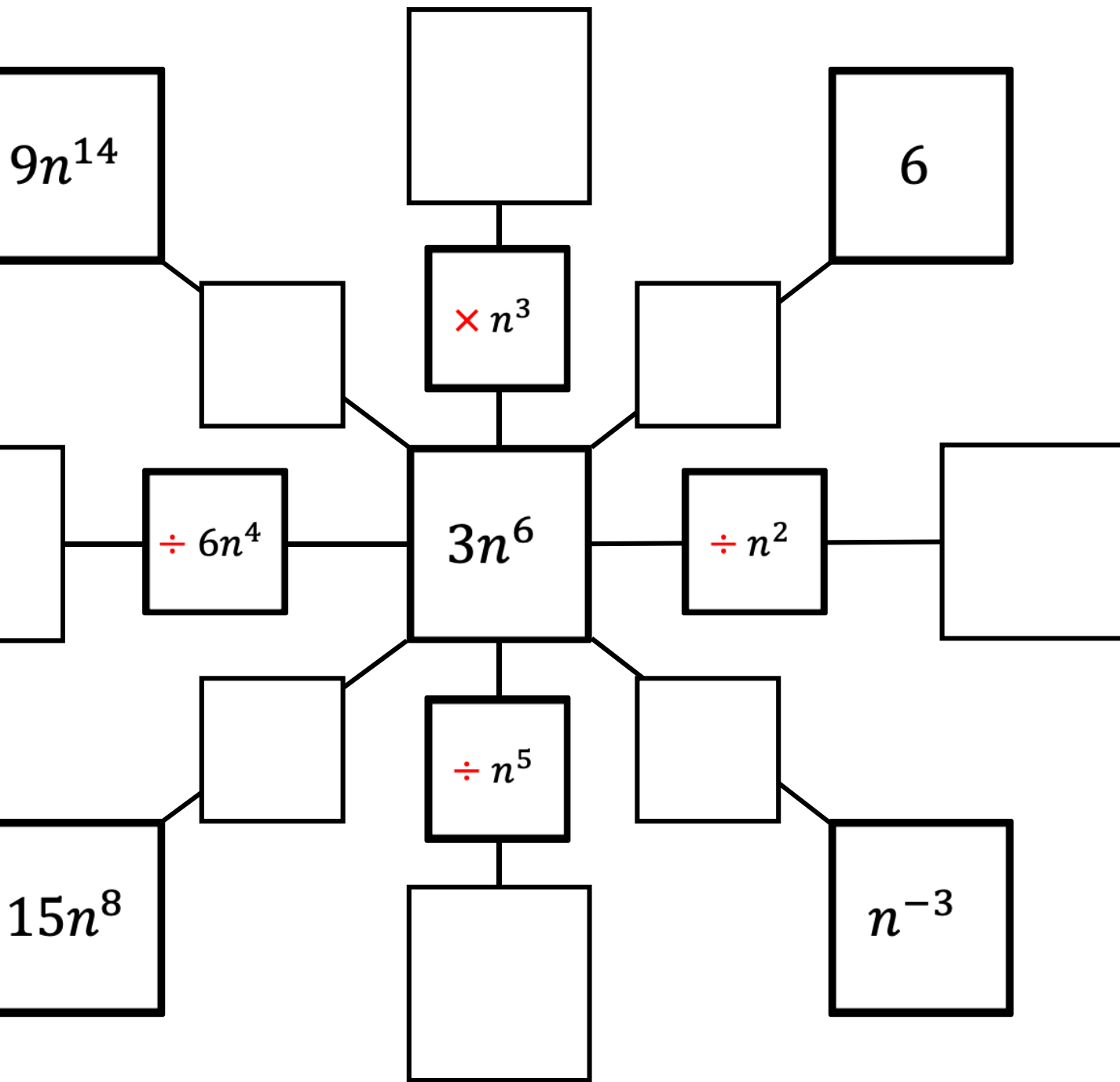
ication of Indices

desert rock is entirely made up of coarse grains of sandstone, each about $1 \ mm^3$ in size, and is very roughly
ng, $2 \ km$ wide, and $500 \ m$ high.
d the approximate volume of the rock in cubic kilometres.
w many cubic millimetres are in a cubic kilometre? Answer in index notation.
d the approximate number of grains of sandstone in the rock.

solidate from the bottom

hingful Notes

your forgetful self in 3 weeks
out solutions with side annotations

→ *Check your understand*

Maths in Focus Ex 1.01, Camb