

Exercise (6): Work out.

a) $5^2 \rightarrow 25$

b) $11^2 \rightarrow 121$

c) $7^3 \rightarrow 343$

d) $\sqrt{196} \rightarrow 14$

e) $\sqrt[3]{125} \rightarrow 5$

f) $\sqrt[3]{64} \rightarrow 4$

g) $10^3 \rightarrow 1000$

h) $\sqrt{324} \rightarrow 18$

Challenging question.

Work out.

$$-7 - 10 \times \sqrt{16} \div \sqrt[3]{125} - (7 + 6^2 \div 12) - 20 - 4^3$$

$$-7 - 10 \times \sqrt{16} \div \sqrt[3]{125} - (7 + 36 \div 12) - 20 - 4^3$$

$$-7 - 10 \times \sqrt{16} \div \sqrt[3]{125} - (7 + 3) - 20 - 4^3$$

$$-7 - 10 \times \sqrt{16} \div \sqrt[3]{125} - 10 - 20 - 4^3$$

$$-7 - 10 \times 4 \div 5 - 10 - 20 - 64$$

$$-7 - 40 \div 5 - 10 - 20 - 64$$

$$-7 - 8 - 10 - 20 - 64$$

$$-15 - 10 - 20 - 64$$

$$-25 - 20 - 64$$

$$-45 - 64$$

$$\mathbf{-109}$$

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