Mathematics

Indices and Radicals

Miss Oreyomi

Questions

1) Simplify:

a) $\sqrt[3]{125} \times \sqrt[4]{81}$

b) $\sqrt{40} + \sqrt{40}$

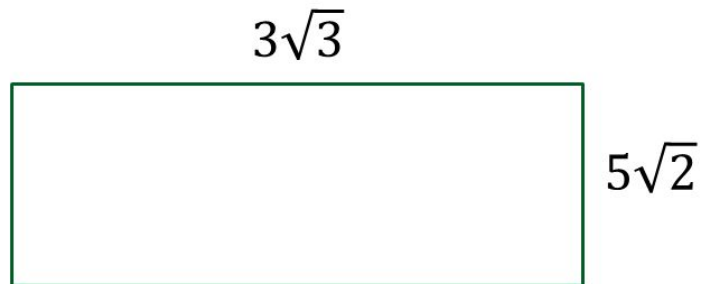c) $7\sqrt{3} - 5\sqrt{3}$

d) $\dfrac{9\sqrt{12}}{3\sqrt{4}}$

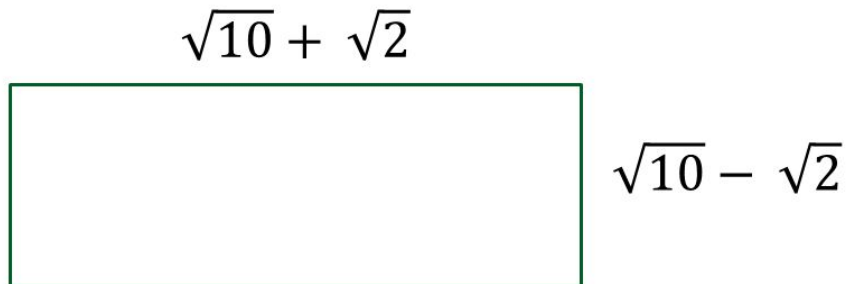e) $\sqrt[4]{256} - \sqrt[3]{64}$

Questions

2) Find the exact perimeter of this shape.

$$3\sqrt{3}$$

$$5\sqrt{2}$$

3) Find the exact perimeter of this shape.

$$\sqrt{10} + \sqrt{2}$$

$$\sqrt{10} - \sqrt{2}$$

4) Find the exact perimeter of this shape.

$\sqrt{18}$

$\sqrt{2}$