Quizz 3

Poser les stylos!

Question 1

$$64^{\frac{2}{3}}$$

Question 1

$$64^{\frac{2}{3}}$$

Noter la réponse

Poser les stylos!

Question 2

$$5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$$

Question 2

$$5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$$

Noter la réponse

Poser les stylos!

Question 3

$$(3^{\frac{3}{2}})^2$$

Question 3

$$(3^{\frac{3}{2}})^2$$

Noter la réponse

Poser les stylos!

Question 4

$$5^{n+1} \cdot 5^{-n}$$

Question 4

$$5^{n+1} \cdot 5^{-n}$$

Noter la réponse

Poser les stylos!

Question 5

$$27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$$

Question 5

$$27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$$

Noter la réponse

Vérifiez vos réponses

1. $64^{\frac{2}{3}}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2}$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n} = \boxed{5}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n} = \boxed{5}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n} = \boxed{5}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}} = \sqrt[3]{27} \cdot \sqrt{4}$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n} = \boxed{5}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}} = \sqrt[3]{27} \cdot \sqrt{4} = 3 \cdot 2$

Vérifiez vos réponses

1. $64^{\frac{2}{3}} = (\sqrt[3]{64})^2 = 4^2 = \boxed{16}$
2. $5^{\frac{4}{3}} \cdot 25^{\frac{4}{3}} = 125^{\frac{4}{3}} = (\sqrt[3]{125})^4 = 5^4 = \boxed{625}$
3. $(3^{\frac{3}{2}})^2 = 3^{\frac{3}{2} \cdot 2} = 3^3 = \boxed{27}$
4. $5^{n+1} \cdot 5^{-n} = 5^{n+1-n} = \boxed{5}$
5. $27^{\frac{1}{3}} \cdot 4^{\frac{1}{2}} = \sqrt[3]{27} \cdot \sqrt{4} = 3 \cdot 2 = \boxed{6}$