

# Patterns Quiz

125, 150, 175, ...



# Aim

Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction (ACMNA107)

Which number will be next  
in this pattern?

$$\frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4}, 1\frac{1}{2}, \text{ —}$$

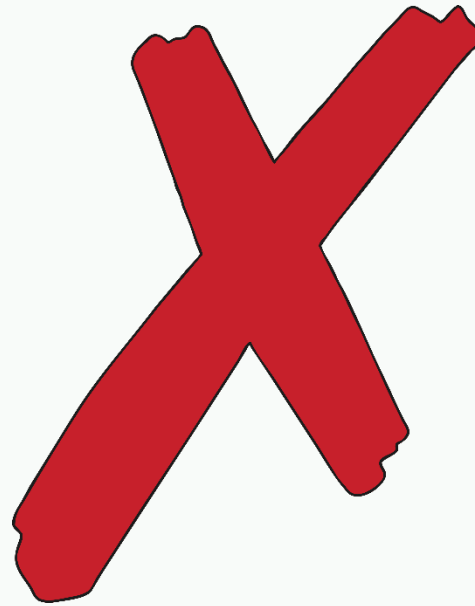
**A.** 2

**B.** 1.75

**C.**  $1\frac{3}{4}$

**D.**  $2\frac{1}{4}$

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**



Which number will be next  
in this pattern?

0.15, 0.30, 0.45, —

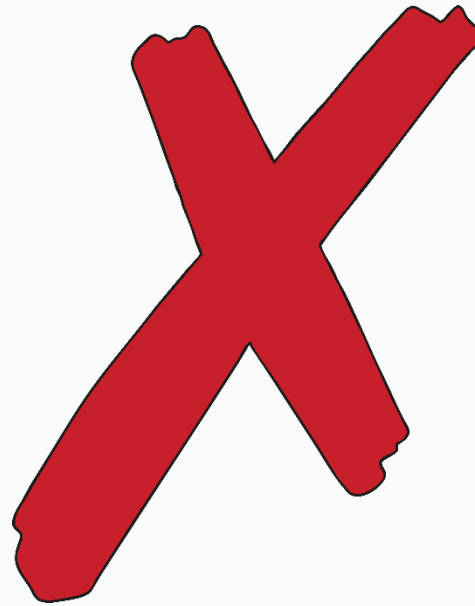
**A.** 1.0

**B.** 1.60

**C.** 0.55

**D.** 0.60

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**





Which number will be next  
in this pattern?

8.70, 8.30, 7.90, —

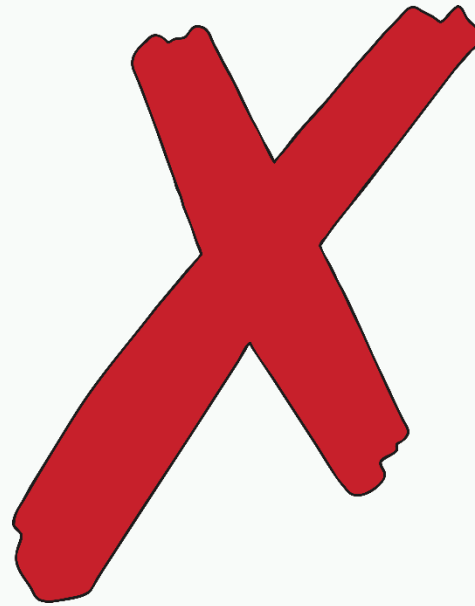
**A.** 7.50

**B.** 7.70

**C.** 7.60

**D.** 7.40

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**



What is the correct rule  
for this pattern?

1.25, 3.25, 5.25, 7.25

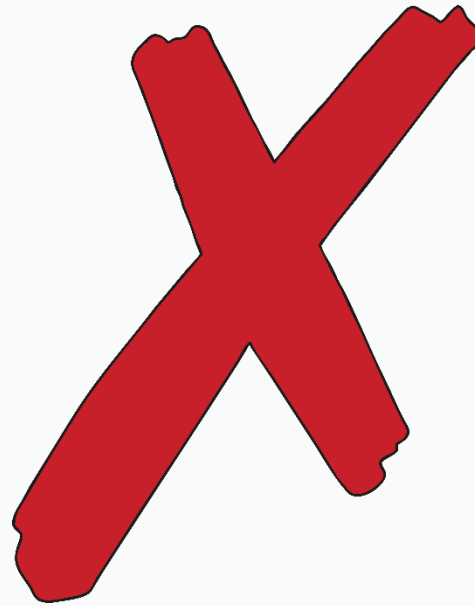
**A.** Subtract 2.0

**B.** Add 1.25

**C.** Add 2.0

**D.** Add 2.25

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**



What is the correct rule for this pattern?

9.75, 8.50, 7.25, 6.00

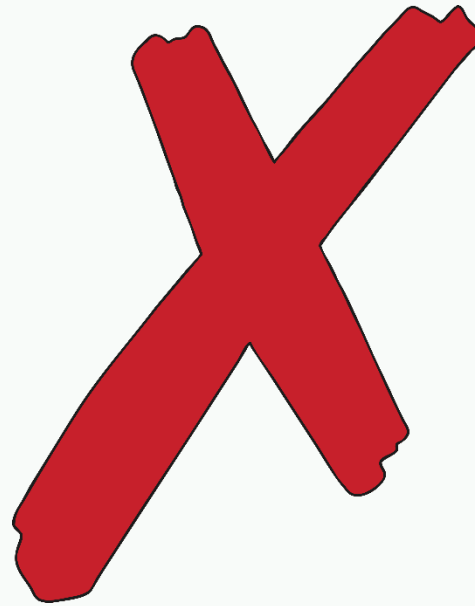
**A.** Add 1.25

**B.** Subtract 1.15

**C.** Subtract 1.25

**D.** Subtract 1.0

**Good Try, Give It Another Go!**





**Well Done, You Got It Correct!**



What is the correct rule for this pattern?

450, 750, 1050

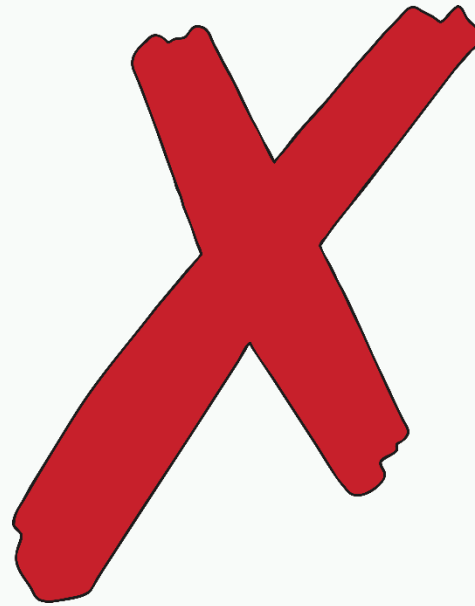
**A.** Add 300

**B.** Add 250

**C.** Add 400

**D.** Add 350

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**



Which number will be next  
in this pattern?

450, 750, 1050

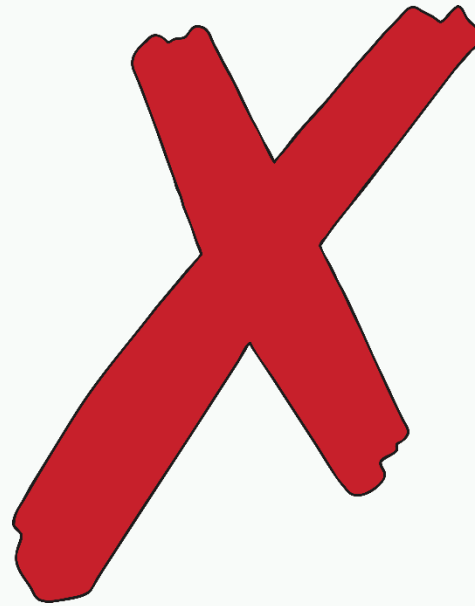
**A.** 1450

**B.** 1350

**C.** 1300

**D.** 1550

**Good Try, Give It Another Go!**



**Well Done, You Got It Correct!**



8.50

7.25

$\frac{3}{4}$

0.15

1

$\frac{3}{4}$

4.50

3.4

0.1

7.50



$\frac{1}{2}$

6.00

0.30

$\frac{3}{4}$

0.7

0.45

0.1

7.25

