The background is a vibrant collage of various mathematical symbols and equations in different colors. It includes multiplication problems like  $32 \times 13 = 416$ , addition problems like  $78 + 14 = 92$ , fractions like  $\frac{3}{7}$  and  $\frac{1}{6}$ , division problems like  $25 \div 5 = 5$  and  $87 \div 54$ , geometric shapes like triangles and squares, and other symbols like percentages, arrows, and the Greek letter pi. The central text is overlaid on a light orange rectangular box.

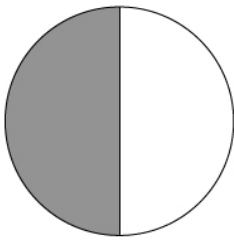
# 3<sup>rd</sup> Grade Mathematics *Reference Sheet*



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## FRACTIONS OF SHAPES

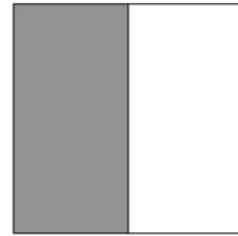
$\frac{1}{2}$  Circle



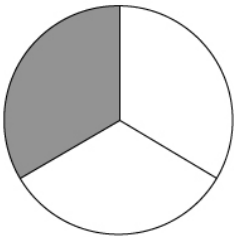
$\frac{1}{2}$  Rectangle



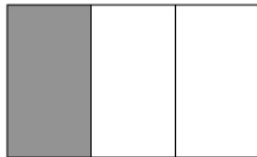
$\frac{1}{2}$  Square



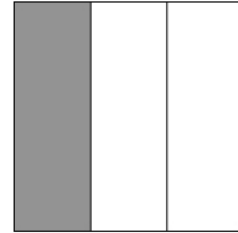
$\frac{1}{3}$  Circle



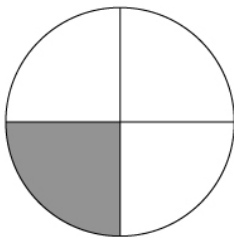
$\frac{1}{3}$  Rectangle



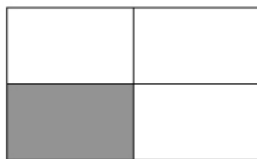
$\frac{1}{3}$  Square



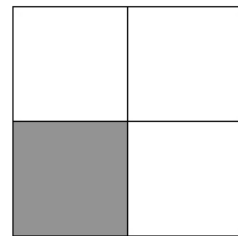
$\frac{1}{4}$  Circle



$\frac{1}{4}$  Rectangle



$\frac{1}{4}$  Square

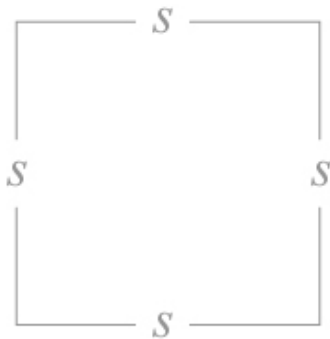


# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## GEOMETRIC FORMULAS

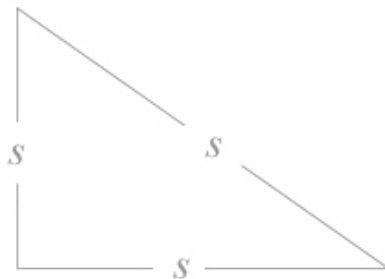
Perimeter of quadrilateral

$$P = \textit{side} + \textit{side} + \textit{side} + \textit{side}$$



Perimeter of triangle

$$P = \textit{side} + \textit{side} + \textit{side}$$



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## GEOMETRIC FORMULAS

Area of a square

$$A = \textit{side} \times \textit{side}$$



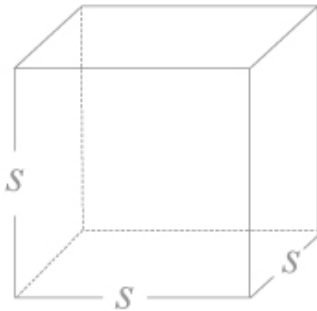
Area of a rectangle

$$A = \textit{length} \times \textit{width}$$



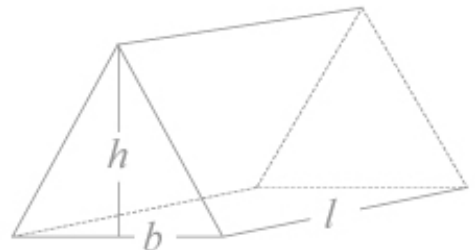
Volume of a cube

$$V = \textit{side} \times \textit{side} \times \textit{side}$$



Volume of a prism

$$V = \textit{length} \times \textit{width} \times \textit{height}$$



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## COINS

Penny



Nickel



Dime



Quarter



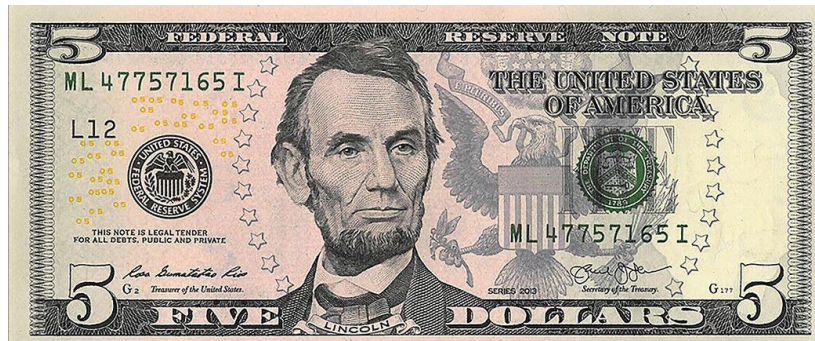
# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## BILLS

\$1 bill



\$5 bill

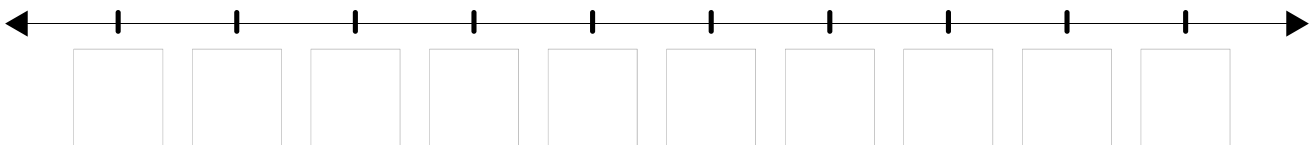
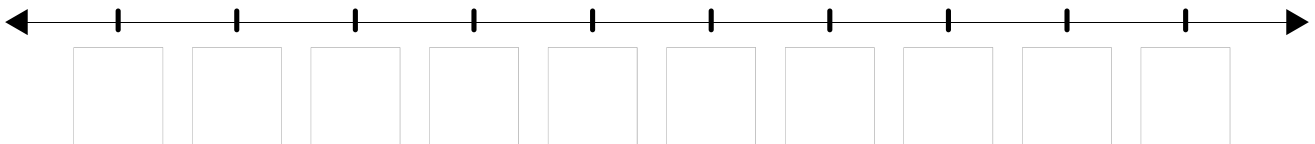
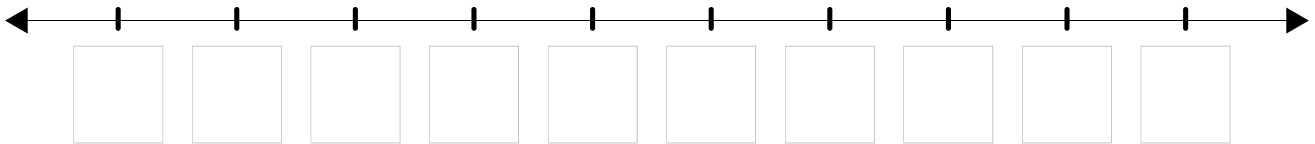
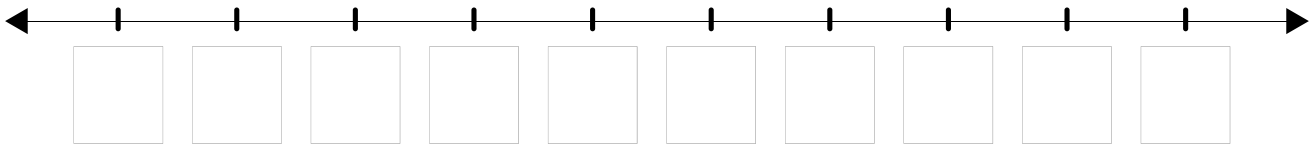
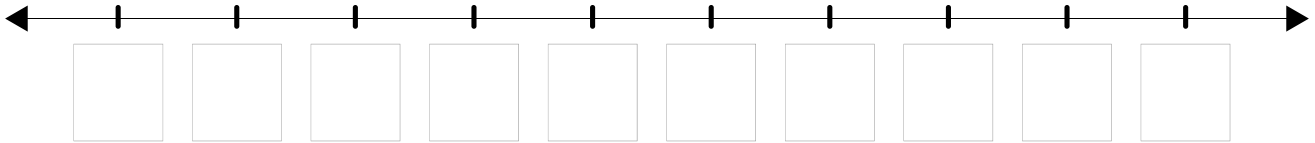


\$10 bill



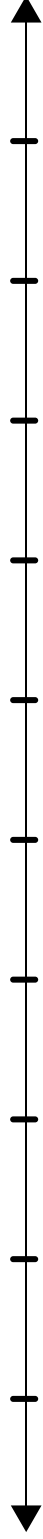
# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## NUMBER LINE



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

NUMBER LINE



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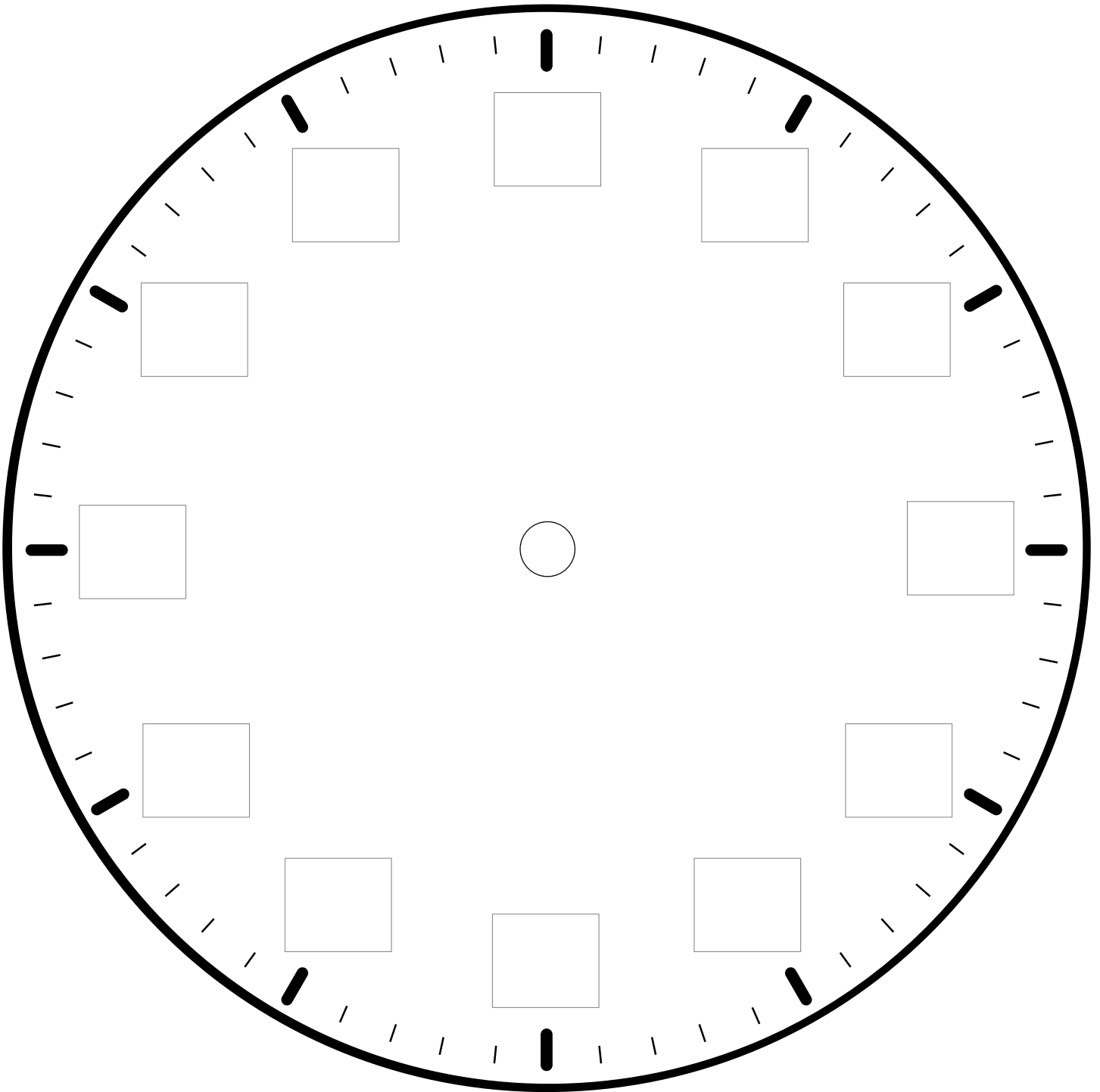


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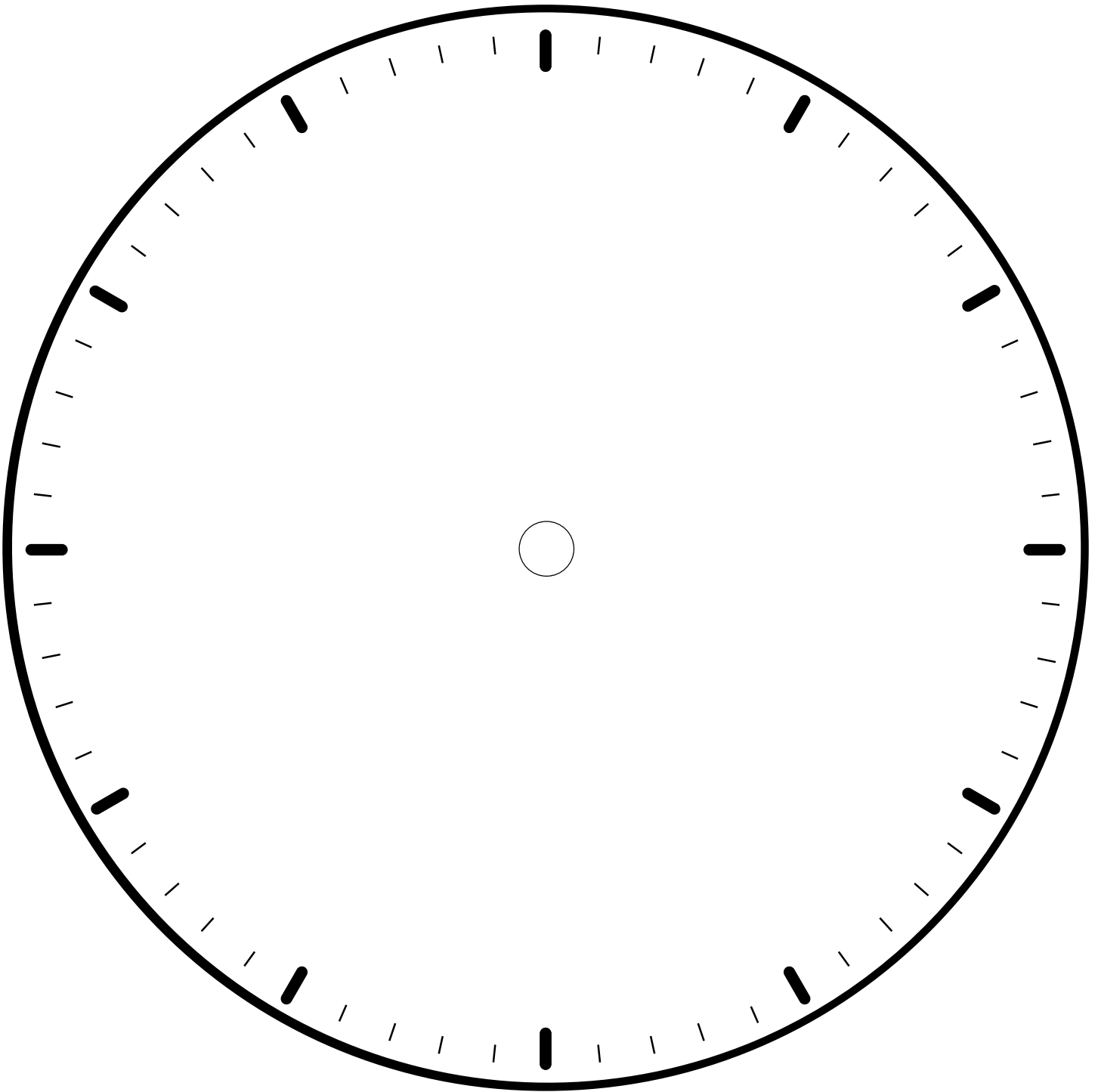
# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## CLOCK FACE



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## CLOCK FACE



# 3<sup>rd</sup> Grade Mathematics Reference Sheet

## PLACE VALUE CHART

Thousands	Hundreds	Tens	Ones

Thousands	Hundreds	Tens	Ones

Thousands	Hundreds	Tens	Ones