

MATH SKETCH NOTES

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These 5th-grade math sketch notes (AKA doodle pages) are a powerful learning and teaching tool. They cover essential math concepts and procedures for students in a visually appealing way. You can use this resource to supplement any math curriculum, and they are perfect for previewing/pre-teaching or reviewing/reinforcing.

These sketch pages are like mini anchor charts that your students actively create and can be referred to in the future.

WHAT'S INCLUDED:

- Blank student note page
(two sizes: 8.5 × 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

Guiding your students through the note-taking process is so easy and requires almost zero preparation!

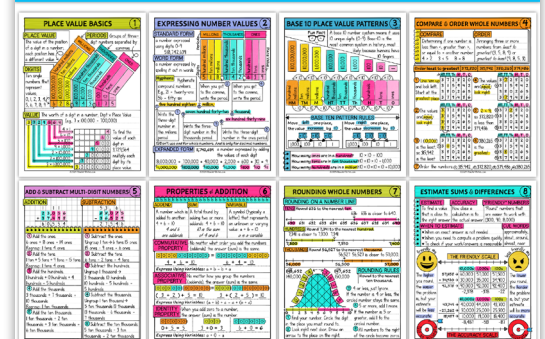
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

WHY SKETCH?

Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the content and leaves little room for distraction.

GET THE BUNDLE!!!

FIFTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE

MATH SKETCH NOTES

CUSTOMARY <i>and</i> METRIC CONVERSIONS (70)			
	VOLUME	LENGTH	WEIGHT
CUSTOMARY	(fl oz.) FLUID OUNCE $(\times 8 \div 8)$	(in.) INCH $(\times 12 \div 12)$	(oz.) OUNCE $(\times 16 \div 16)$
	(c.) CUP $(\times 2 \div 2)$	(ft.) FOOT $(\times 3 \div 3)$	(lb.) POUND $(\times 2,000 \div 2,000)$
	(pt.) PINT $(\times 2 \div 2)$	(yd.) YARD $(\times 1,760 \div 1,760)$	(T.) TON
	(qt.) QUART $(\times 4 \div 4)$	(mi.) MILE	
	(gal.) GALLON		
METRIC			UNIT: GRAM (g.) $\div 10 \rightarrow$ kilo- (k) means 1,000 $\times 10 \leftarrow$
			$\div 10 \rightarrow$ hecto- (h) means 100 $\times 10 \leftarrow$
			$\div 10 \rightarrow$ deca- (da) means 10 $\times 10 \leftarrow$
			$\div 10 \rightarrow$ UNIT (l, m, g) means 1 $\times 10 \leftarrow$
			$\div 10 \rightarrow$ deci- (d) means 0.1 $\times 10 \leftarrow$
			$\div 10 \rightarrow$ centi- (c) means 0.01 $\times 10 \leftarrow$
	(mm) milli- means 0.001 $\times 10 \rightarrow$ centi- means 0.01 $\times 10 \rightarrow$ deci- means 0.1 $\times 10 \rightarrow$ UNIT (l, m, g) means 1 $\times 10 \rightarrow$ deca- means 10 $\times 10 \rightarrow$ hecto- means 100 $\times 10 \rightarrow$ kilo- means 1,000	(m) milli- means 0.001 $\times 10 \rightarrow$ centi- means 0.01 $\times 10 \rightarrow$ deci- means 0.1 $\times 10 \rightarrow$ UNIT (l, m, g) means 1 $\times 10 \rightarrow$ deca- means 10 $\times 10 \rightarrow$ hecto- means 100 $\times 10 \rightarrow$ kilo- means 1,000	(kg) kilo- means 1,000 $\div 1,000 \rightarrow$ UNIT (l, m, g) means 1 $\div 1,000 \rightarrow$ hecto- means 100 $\div 1,000 \rightarrow$ kilo- means 1,000
YOUR TURN!!! $2 \text{ m} = \frac{200}{\times 100} \text{ cm}$ $3,000 \text{ g} = \frac{3}{\div 1,000} \text{ kg}$ $5 \text{ kl} = \frac{5,000}{\times 1,000} \text{ l}$ $2 \text{ ft.} = \frac{24}{\times 12} \text{ in.}$ $9 \text{ ft.} = \frac{3}{\div 3} \text{ yd.}$ $4 \text{ pt.} = \frac{2}{\div 2} \text{ qt.}$ $4 \text{ lbs.} = \frac{64}{\times 16} \text{ oz.}$			

GRADE 5

CUSTOMARY and METRIC CONVERSIONS 70

	VOLUME	LENGTH	WEIGHT
CUSTOMARY	FLUID OUNCE (fl oz) ($\times 8$ $\div 8$)	INCH (in.) ($\times 12$ $\div 12$)	OUNCE (oz) ($\times 16$ $\div 16$)
	CUP (c.) ($\times 2$ $\div 2$)	FOOT (ft.) ($\times 3$ $\div 3$)	POUND (lb.) ($\times 2,000$ $\div 2,000$)
	PINT (pt.) ($\times 2$ $\div 2$)	YARD (yd.) ($\times 1,760$ $\div 1,760$)	TON (T) ($\times 10$ $\div 10$)
	QUART (qt.) ($\times 4$ $\div 4$)	MILE (mi.) ($\div 10$ $\div 10$)	hecto- ($\div 10$ $\div 10$)
	GALLON (gal.)		

	VOLUME	LENGTH	WEIGHT
CUSTOMARY	FLUID OUNCE (fl oz) ($\times 8$ $\div 8$)	INCH (in.) ($\times 12$ $\div 12$)	OUNCE (oz) ($\times 16$ $\div 16$)
	CUP (c.) ($\times 2$ $\div 2$)	FOOT (ft.) ($\times 3$ $\div 3$)	POUND (lb.) ($\times 2,000$ $\div 2,000$)
	PINT (pt.) ($\times 2$ $\div 2$)	YARD (yd.) ($\times 1,760$ $\div 1,760$)	TON (T) ($\times 10$ $\div 10$)
	QUART (qt.) ($\times 4$ $\div 4$)	MILE (mi.) ($\div 10$ $\div 10$)	hecto- ($\div 10$ $\div 10$)
	GALLON (gal.)		

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



YOUR TURN!!!!

2 m = 200 cm
($\times 100$)

3,000 g $\div 1,000$
5 kg = 5,000 g
($\times 1,000$)

9 ft. = 3 yd.
($\div 3$)

4 pt. = 2 qt.
($\div 2$)

smaller unit $\rightarrow$ multiply

larger unit $\rightarrow$ divide

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STEP-BY-STEP POWERPOINT

CUSTOMARY and METRIC CONVERSIONS (70 Sets)		
VOLUME	LENGTH	WEIGHT
FLUID OUNCE (fl. oz.) $\times 8 \rightarrow$ CUP (c.) $\div 8 \leftarrow$	INCH (in.) $\times 12 \rightarrow$ FOOT (ft.) $\div 12 \leftarrow$ $\times 36 \rightarrow$ YARD (yd.) $\div 36 \leftarrow$ $\times 1,760 \rightarrow$ MILE (mi.) $\div 1,760 \leftarrow$	OUNCE (oz.) $\times 16 \rightarrow$ POUND (lb.) $\div 16 \leftarrow$ $\times 2,000 \rightarrow$ TON (t.) $\div 2,000 \leftarrow$
METRIC	UNIT: METER (m) $\times 10 \rightarrow$ DECA- means 10 $\div 10 \leftarrow$ DECI- means 0.1 $\times 10 \rightarrow$ CENTI- means 0.01 $\div 10 \leftarrow$ MILLI- means 0.001	UNIT: GRAM (g.) $\times 10 \rightarrow$ DECA- means 10 $\div 10 \leftarrow$ DECI- means 0.1 $\times 10 \rightarrow$ CENTI- means 0.01 $\div 10 \leftarrow$ MILLI- means 0.001
YOUR TURN!!!! $2\text{ m} = 200\text{ cm}$ $\times 100 \rightarrow$ $3,000\text{ g} = 3\text{ kg}$ $\div 1,000 \rightarrow$ $5\text{ M} = 5,000\text{ I}$ $\times 1,000 \rightarrow$	$2\text{ ft.} = 24\text{ in.}$ $\times 12 \rightarrow$ $9\text{ ft.} = 3\text{ yd.}$ $\div 3 \rightarrow$ $4\text{ pt.} = 2\text{ qt.}$ $\div 2 \rightarrow$	$4\text{ lbs.} = 64\text{ oz.}$ $\times 16 \rightarrow$ larger unit $\div$ divide $\leftarrow$ $\times$ multiply $\rightarrow$ smaller unit



CUSTOMARY and METRIC CONVERSIONS (70)

CUSTOMARY	VOLUME	LENGTH	WEIGHT
	FLUID OUNCE (fl oz.)	INCH (in.)	OUNCE (oz.)
	CUP (c.)	FOOT (ft.)	POUND (lb.)
	PINT (pt.)	YARD (yd.)	TON (T.)
	QUART (qt.)	MILE (mi.)	
	GALLON (gal.)		
			GRAM (g.)

DETAILED ANSWER KEY

METRIC

UNIT: LITERS

centi- means 100 (100 mm = 1 m)

milli- means 1,000 (1,000 mm = 1 m)

3,000 g = 3 kg (÷ 1,000)

5 kl = 5,000 l (× 1,000)

2 m = 200 cm (× 100)

2 ft. = 24 in. (× 12)

9 ft. = 3 yd. (÷ 3)

4 pt. = 2 qt. (÷ 2)

4 lbs. = 64 oz. (× 16)

divide ÷

larger unit

smaller unit

multiply ×