

# More Than Hearing Worksheet

Episode: CEaster7x2019

Texts: [Acts 16:16-34](#) • [Psalm 97](#) • [Revelation 22:12-14, 16-17, 20-21](#) • [John 17:20-26](#)

## MATH Smart

MATH Smart is the ability to use and manipulate mathematical, numerical, and logical elements to engage and organize information. Math Smart folks are good with numbers and formulae, but also with logical arguments and structured processes. They like things like equations, charts, and graphs.

Jesus didn't get into a lot of math per se, and there is no evidence of his use of charts and graphs, but he did use numerical comparisons in several of his parables, especially about money and forgiveness, and he was quite adept at forming logical arguments, lessons, and questions for instruction or correction, as well as picking apart the logical inconsistencies of his adversaries.

Similarly, when we offer Math Smart illustrations and SFX, we include math, accounting, science, and law.

**Text:** **John 17:20-26**

20 "I ask not only on behalf of these, but also on behalf of **those who will believe in me through their word**, 21 that **they may all be one**. **As you, Father, are in me and I am in you, may they also be in us**, so **that the world may believe** that you have sent me. 22 The glory that you have given me I have given them, so **that they may be one, as we are one**, 23 **I in them and you in me, that they may become completely one**, so that the world may know that you have sent me and have **loved them even as you have loved me**. 24 Father, **I desire** that those also, whom you have given me, may be with me where I am, **to see my glory**, which you have given me **because you loved me** before **the foundation of the world**.

25 "Righteous Father, **the world does not know you, but I know you**; and these know that you have sent me. 26 I made your name known to them, and I will make it known, so that **the love with which you have loved me may be in them, and I in them**."

Smarts	Images in the text/ interesting exegesis	Illustrations	SFX
MATH smart		Convergence of an infinite series  Khan Academy has <a href="#">good videos</a> on this.  <a href="#">Iterative functions</a>	

**Text: Revelation 22:12-14, 16-17, 20-21**

12 "See, I am coming soon; my reward is with me, to repay according to everyone's work. 13 I am the Alpha and the Omega, the first and the last, the beginning and the end."

14 Blessed are those who wash their robes, so that they will have the right to the tree of life and may enter the city by the gates.

*15 Outside are the dogs and sorcerers and fornicators and murderers and idolaters, and everyone who loves and practices falsehood.*

16 "It is I, Jesus, who sent my angel to you with this testimony for the churches. I am the root and the descendant of David, the bright morning star."

17 The Spirit and the bride say, "Come."  
And let everyone who hears say, "Come."  
And let everyone who is thirsty come.  
Let anyone who wishes take the water of life as a gift.

*18 I warn everyone who hears the words of the prophecy of this book: if anyone adds to them, God will add to that person the plagues described in this book; 19 if anyone takes away from the words of the book of this prophecy, God will take away that person's share in the tree of life and in the holy city, which are described in this book.*

20 The one who testifies to these things says, "Surely I am coming soon."

Amen. Come, Lord Jesus!

21 The grace of the Lord Jesus be with all the saints. Amen.

Smarts	Images in the text/ interesting exegesis	Illustrations	SFX
MATH smart		V. 14-15 – Set theory: what is included in a set, what is not included in the set  V. 18-19 – Accounting; give an accurate representation of transactions. If you add entries that didn't happen - BAD. If you don't show all the transactions - BAD.	

**Text: Psalm 97**

- 1 The Lord is king! Let the earth rejoice;  
let the many coastlands be glad!
- 2 Clouds and thick darkness are all around him;  
righteousness and justice are the foundation of his throne.
- 3 Fire goes before him,  
and consumes his adversaries on every side.
- 4 His lightnings light up the world;  
the earth sees and trembles.
- 5 The mountains melt like wax before the Lord,  
before the Lord of all the earth.
- 6 The heavens proclaim his righteousness;  
and all the peoples behold his glory.
- 7 All worshipers of images are put to shame,  
those who make their boast in worthless idols;  
all gods bow down before him.
- 8 Zion hears and is glad,  
and the towns of Judah rejoice,  
because of your judgments, O God.
- 9 For you, O Lord, are most high over all the earth;  
you are exalted far above all gods.
- 10 The Lord loves those who hate evil;  
he guards the lives of his faithful;  
he rescues them from the hand of the wicked.
- 11 Light dawns for the righteous,  
and joy for the upright in heart.
- 12 Rejoice in the Lord, O you righteous,  
and give thanks to his holy name!

Smarts	Images in the text/ interesting exegesis	Illustrations	SFX
MATH smart		<p>Again, convergent and divergent series (see John above). In this case, God is a divergent series going to infinity.</p> <p>Consider a series where the numerator increases exponentially while the denominator increases linearly.</p>	

**Text: Acts 16:16-34**

16 One day, as we were going to the place of prayer, we met a slave-girl who had a spirit of divination and brought her owners a great deal of money by fortune-telling. 17 While she followed Paul and us, she would cry out, "These men are slaves of the Most High God, who proclaim to you a way of salvation." 18 She kept doing this for many days. But Paul, very much annoyed, turned and said to the spirit, "I order you in the name of Jesus Christ to come out of her." And it came out that very hour.

19 But when her owners saw that their hope of making money was gone, they seized Paul and Silas and dragged them into the marketplace before the authorities. 20 When they had brought them before the magistrates, they said, "These men are disturbing our city; they are Jews 21 and are advocating customs that are not lawful for us as Romans to adopt or observe." 22 The crowd joined in attacking them, and the magistrates had them stripped of their clothing and ordered them to be beaten with rods. 23 After they had given them a severe flogging, they threw them into prison and ordered the jailer to keep them securely. 24 Following these instructions, he put them in the innermost cell and fastened their feet in the stocks.

25 About midnight Paul and Silas were praying and singing hymns to God, and the prisoners were listening to them. 26 Suddenly there was an earthquake, so violent that the foundations of the prison were shaken; and immediately all the doors were opened and everyone's chains were unfastened. 27 When the jailer woke up and saw the prison doors wide open, he drew his sword and was about to kill himself, since he supposed that the prisoners had escaped. 28 But Paul shouted in a loud voice, "Do not harm yourself, for we are all here." 29 The jailer called for lights, and rushing in, he fell down trembling before Paul and Silas. 30 Then he brought them outside and said, "Sirs, what must I do to be saved?" 31 They answered, "Believe on the Lord Jesus, and you will be saved, you and your household." 32 They spoke the word of the Lord to him and to all who were in his house. 33 At the same hour of the night he took them and washed their wounds; then he and his entire family were baptized without delay. 34 He brought them up into the house and set food before them; and he and his entire household rejoiced that he had become a believer in God.

Smarts	Images in the text/ interesting exegesis	Illustrations	SFX
MATH smart	<a href="#">On the beating with rods</a>  <a href="#">And some more</a>	Orders of magnitude...  "In engineering terms, negligible" (Consider relative gravitational attraction of earth vs. an orange)	← <a href="#">Acceleration due to gravity equation</a>  g= acceleration of gravity G=gravitational constant m=mass r=radius  $g(\text{orange}) = \frac{G * m(\text{orange})}{[r(\text{orange})]^2}$

			$g(\text{orange}) = (6.673 \times 10^{-11} \text{ N}\cdot\text{m}^2/\text{kg}^2 * .14 \text{ kg})/ (.038 \text{ m})^2$ $g(\text{orange}) = 6.64 \times 10^{-9} \text{ m/s}^2$ $g(\text{earth}) = 9.81 \text{ m/s}^2$ <p>That's about 1,500,000,000 times greater for earth than the orange.</p>
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