

Christ the Redeemer

8th Grade Summer Math Assignment

Students who will be entering 8th Grade in the Fall of 2017, please complete the following assignments for your Summer Math Assignment:

1. 8th Grade Fundamental Skills Practice
 - ~ Please complete all problems and show work on notebook paper.
 - ~ Attach notebook paper with answers to the test.
 - ~ This will be turned in for a grade during the first week of school.
 - ~ All material has been previously taught, so if you need help solving a problem, refer back to your notes from this past year or watch a video on the topic from one of the links below.
2. Topics you can review and focus on over the summer for extra practice to help best prepare you for 8th Grade Math:
 - ~ Decimals
 - ~ Fractions and Mixed Numbers
 - ~ Integers
 - ~ Rational Numbers
 - ~ Geometry
 - ~ Surface Area and Volume
 - ~ Measurement
 - ~ Solving Algebraic Equations – One-Step, Two-Step, Multi-Step
3. Below are some helpful Math online resources for extra practice:
 - ~ Khan Academy - <https://www.khanacademy.org/>
 - ~ Mathantics - <https://www.mathantics.com/>
 - ~ IXL - <https://www.ixl.com/>
 - ~ Buzzmath - <https://www.buzzmath.com/>
 - ~ I-ready Math - <https://login.i-ready.com/>
 - ~ Math Playground - <http://www.mathplayground.com/>

Have a wonderful summer!

FUNDAMENTAL SKILLS TEST

NAME _____

DATE _____

I. Decimals

Perform the indicated operation.

1.
$$\begin{array}{r} 1.9125 \\ + 3.779 \\ \hline \end{array}$$

2. $7.12 - 3.095$

3.
$$\begin{array}{r} 9.21 \\ 3.78 \\ + 2.911 \\ \hline \end{array}$$

4. $2 + 3.9996 - 5.18$

5.
$$\begin{array}{r} 4.8 \\ \times 53 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 2.371 \\ \times 0.04 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 54.31 \\ \times 12.1 \\ \hline \end{array}$$

8. $24 \overline{)5.76}$

9. $5.2 \overline{)6.76}$

10. $28.92 \div 4$

11. $56 \div 0.04$

12. $0.784 \div 1.4$

II. Fractions—Basic Operations

Add or subtract. Reduce all fractions to lowest terms.

13. $\frac{7}{8} - \frac{3}{4}$

14.
$$\begin{array}{r} 30\frac{3}{4} \\ - 15\frac{7}{5} \\ \hline \end{array}$$

15. $8\frac{1}{9} + 10\frac{1}{5} + 6\frac{2}{3}$

16. $\frac{3}{35} + \frac{5}{21}$

17.
$$\begin{array}{r} 14\frac{3}{4} \\ - 7\frac{1}{2} \\ \hline \end{array}$$

18. $9\frac{1}{8} - 5\frac{3}{8}$

19. $\frac{9}{72} + \frac{5}{35}$

20. $\frac{25}{3} - 3$

21. $7 - \frac{36}{7}$

22. $6\frac{9}{5} - 5\frac{1}{3}$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____

SKILL 13: Practice

Solve each equation.

1. $x + 6 = 14$

$x = \underline{\hspace{2cm}}$

4. $2x = 18$

$x = \underline{\hspace{2cm}}$

7. $m - 10 = -6$

$m = \underline{\hspace{2cm}}$

10. $n - (-8) = 15$

$n = \underline{\hspace{2cm}}$

13. $\frac{n}{-11} = 8$

$n = \underline{\hspace{2cm}}$

16. $x + 23 = 37$

$x = \underline{\hspace{2cm}}$

19. $\frac{k}{-6} = -12$

$k = \underline{\hspace{2cm}}$

22. $x - (-13) = 2$

$x = \underline{\hspace{2cm}}$

2. $x + 9 = 19$

$x = \underline{\hspace{2cm}}$

5. $\frac{n}{5} = 9$

$n = \underline{\hspace{2cm}}$

8. $\frac{k}{-8} = 6$

$k = \underline{\hspace{2cm}}$

11. $-4x = -60$

$x = \underline{\hspace{2cm}}$

14. $x + (-6) = 9$

$x = \underline{\hspace{2cm}}$

17. $x - 13 = -28$

$x = \underline{\hspace{2cm}}$

20. $12y = -84$

$y = \underline{\hspace{2cm}}$

23. $\frac{n}{3} = -14$

$n = \underline{\hspace{2cm}}$

3. $x - 3 = 7$

$x = \underline{\hspace{2cm}}$

6. $(-4)x = 20$

$x = \underline{\hspace{2cm}}$

9. $10x = -70$

$x = \underline{\hspace{2cm}}$

12. $8p = -96$

$p = \underline{\hspace{2cm}}$

15. $-7k = -63$

$k = \underline{\hspace{2cm}}$

18. $\frac{m}{-9} = 20$

$m = \underline{\hspace{2cm}}$

21. $m + (-15) = 30$

$m = \underline{\hspace{2cm}}$

24. $-8x = -168$

$x = \underline{\hspace{2cm}}$

Solve.

25. In a video game, Charles scored -250 points on his second play. This brought his total score to 500 . What was his score on the first play? _____

26. Each day for several days, the change in the price of a share of stock was $-\$3$. The total change in price during those days was $-\$36$. Over how many days did the price decline? _____

27. What is the solution of $4x = -28$?

Skill 13

A 24

C -24

B -7

D -32

28. Evaluate: $-4(9 + 5)$.

Skill 12

F 56

H -41

G 41

J -56

6th Grade Language Arts Summer Assignment:

1. Read *Live to Give* by Austin Gutwein
2. Keep a reflection log. After each chapter, answer one of the reflection questions with a paragraph of at least 5 sentences. You can put more than one paragraph on a page. This is due on the first day of school.
3. Create a short (1-2 minute) presentation about a way in which you can give back to the world. Austin will give you a lot of ideas in his book. You can create a way to give back to your school, your community, or a different community. Remember to explain how you will use your own personal talents.

You need a visual aid. You can make a poster, individual handouts for your classmate, a PowerPoint presentation, or another kind of computer presentation such as a Prezi. Be creative! You will give your short presentation during the second week of school.

7th Grade Language Art Summer Assignment:

1. Read *The Bronze Bow* by Elizabeth George Spear
2. Give a brief description of each character. Include information that connects the character to the story as well as personal characteristics. *Ex. Fern is the main human character is Charlotte's Web. She is a young girl who loves animals and becomes the caregiver to Wilbur, the main character, and also a pig.*

Characters: Daniel, Leah, Joel, Malthace/Thacia, Rosh, Samson, Simon

3. Create a piece of visual art that shows a scene or theme from the story. It can be a painting, drawing, collage, or digital art (printed) that shows you read and understand the book. You must also choose a quotation from the book and write it nicely on your art.

8th Grade Language Art Summer Assignment:

1. Read *The Four Signs of a Dynamic Catholic* by Matthew Kelley
2. Using the study guide, create a reflection journal for the book as you read. The study guide is on the CtR website or can be found at:
<http://dynamiccatholic.com/sites/default/files/StudyGuides/4-Signs-Study-Guide.pdf>.

For each chapter:

- a. Read the opening prayer aloud
- b. Answer 2 of the study questions in paragraphs of at least 8 sentences each, including a topic sentence. You can type the answers or write them neatly on lined paper. Make sure to label each paragraph with the chapter and question number.
- c. Be prepared to discuss a person in your life that you consider to be a dynamic Catholic. You must be able to explain why you feel this way using concepts from the book.

THE FOUR SIGNS OF A DYNAMIC CATHOLIC



HOW ENGAGING 1% OF CATHOLICS
COULD CHANGE THE WORLD

MATTHEW KELLY



THE FOUR SIGNS OF A DYNAMIC CATHOLIC

THE STUDY GUIDE

MATTHEW KELLY

Introduction

The *Four Signs of a Dynamic Catholic* is one of the great Catholic books of our times, but it is so much more than a book. The ideas and concepts that fill its pages want to change your life and transform your parish.

Gathering in small groups to pray and study is at the heart of being Christian. Small groups were at the center of life for the first Christians, and at Dynamic Catholic we believe small groups are essential to the revitalization of the Catholic Church in the 21st century.

As you read and study this book together we hope you will join us in our efforts to encourage every Catholic to read this book.

We look forward to serving you in many ways as you continue in your spiritual journey.

May God bless you and all those you love,

The Dynamic Catholic Team

Reading Schedule

Session One

THE PROLOGUE &
CHAPTER 1: INCREDIBLE POSSIBILITIES

Read pages 5-37

Session Two

CHAPTER 2: ARE YOU SPIRITUALLY HEALTHY?

Read pages 41-71

Session Three

CHAPTER 3: THE GENIUS OF CATHOLICISM

Read pages 75-106

Session Four

CHAPTER 4: THE HAPPIEST PEOPLE I KNOW

Read pages 109-140

Session Five

CHAPTER 5: CHANGING THE WORLD

Read pages 143-187

Session Six

CHAPTER 6: A NEW LEVEL OF THINKING
& THE EPILOGUE

Read pages 189-216

Session One

INCREDIBLE POSSIBILITIES

Reading: Prologue and Chapter One

Opening Prayer:

Loving Father,

Open our hearts and minds
and allow us to see the beauty of our faith.
Show us what is possible and fill us with the grace, strength,
and wisdom to live all the good things
we explore here together.
Send your Spirit upon us so that we can discover your dream
for us to become the-best-version-of-ourselves,
and have the courage to defend and celebrate this true self
in every moment of our days.
We ask you to bless in a special way the hungry, the lonely,
the sick, and the discouraged.
Remind us of our duty toward
them and inspire us to be filled with a profound gratitude.
We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. What idea from the first chapter of the book impacted you the most?
2. How do you sense God is calling you to grow at this time in your life?
3. Which of the Four Signs – Prayer, Study, Generosity, and Evangelization – is the strongest in your life today?
4. Which of the Four Signs is the weakest in your life today? Why?
5. How can you apply the concept of continuous improvement in your life to grow in the Four Signs?
6. At what time in your life were you most engaged in your Catholic faith?

Closing Prayer:

THE DYNAMIC CATHOLIC PRAYER

Loving Father,
I invite you into my life today
and make myself available to you.
Help me to become the-best-version-of-myself
by seeking your will and becoming a living example
of your love in the world.
Open my heart to the areas of my life that need to change
in order for me to carry out the mission
and experience the joy you have imagined for my life.
Inspire me to live the Catholic faith in ways that are
dynamic and engaging.
Show me how to best get involved in the life of my parish.
Make our community hungry for best practices
and continuous learning.
Give me courage when I am afraid,
hope when I am discouraged,
and clarity in times of decision.
Teach me to enjoy uncertainty and lead your Church
to become all you imagined it would be
for the people of our times.

Amen.

Announcements:

- The reading assignment for our next gathering is Chapter Two.
- Let your family and friends know they can request a free copy of *The Four Signs of A Dynamic Catholic* by visiting DynamicCatholic.com.
- Our next gathering will be . . . (date, place, and time).

Session Two

ARE YOU SPIRITUALLY HEALTHY?

Reading: Chapter Two

Opening Prayer:

Loving Father,

Open our hearts and minds
and allow us to see the beauty of our faith.
Show us what is possible and fill us with the grace, strength,
and wisdom to live all the good things
we explore here together.
Send your Spirit upon us so that we can discover your dream
for us to become the-best-version-of-ourselves,
and have the courage to defend and celebrate this true self
in every moment of our days.
We ask you to bless in a special way the hungry, the lonely,
the sick, and the discouraged.
Remind us of our duty toward
them and inspire us to be filled with a profound gratitude.
We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. Can you tell when you are and are not spiritually healthy?
What are the indicators?
2. Do you have a daily routine of prayer? If so, what is it? If not, what would you like it to be after reading this chapter?
3. How does prayer make life better for you?
4. How consistent is your prayer life? What prevents you from praying on days when you don't?
5. Have you tried The Prayer Process since you read about it? If so, how did it help you pray?
6. Does your family have a "prayerful giant?" Who is it?

Closing Prayer:

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Open my heart to the areas of my life that need to change
in order for me to carry out the mission
and experience the joy you have imagined for my life.
Inspire me to live the Catholic faith in ways that are
dynamic and engaging.
Show me how to best get involved in the life of my parish.
Make our community hungry for best practices
and continuous learning.
Give me courage when I am afraid,
hope when I am discouraged,
and clarity in times of decision.
Teach me to enjoy uncertainty and lead your Church
to become all you imagined it would be
for the people of our times.

Amen.

Announcements:

- The reading assignment for our next gathering is Chapter Three.
- If you are enjoying the book, you may want to request some free copies of Matthew Kelly's CDs at DynamicCatholic.com.
- Our next gathering will be . . . (date, place, and time).

Session Three

THE GENIUS OF CATHOLICISM

Reading: Chapter Three

Opening Prayer:

Loving Father,

Open our hearts and minds

and allow us to see the beauty of our faith.

Show us what is possible and fill us with the grace, strength,

and wisdom to live all the good things

we explore here together.

Send your Spirit upon us so that we can discover your dream

for us to become the-best-version-of-ourselves,

and have the courage to defend and celebrate this true self

in every moment of our days.

We ask you to bless in a special way the hungry, the lonely,

the sick, and the discouraged.

Remind us of our duty toward

them and inspire us to be filled with a profound gratitude.

We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. At what time in your life have you been hungriest for answers to questions about your Catholic faith? What caused that hunger?
2. What's the best Catholic book you ever read? How did it help you to grow in your faith?
3. What question about Catholicism would you like to find answers to? What steps are you going to take to get the answers to that question?
4. Describe a time in your life when you were not interested in knowing the truth about a particular issue or situation.
5. How do you see *Relativism* influencing you in your daily life? How do you see it impacting your family and friends?
6. At the end of this chapter the author encourages us to read five pages of a Catholic book every day for the rest of our lives. How would your faith life be different five years from now if you took on this habit?

Closing Prayer:

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Loving Father,
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and make myself available to you.
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by seeking your will and becoming a living example
of your love in the world.
Open my heart to the areas of my life that need to change
in order for me to carry out the mission
and experience the joy you have imagined for my life.
Inspire me to live the Catholic faith in ways that are
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Show me how to best get involved in the life of my parish.
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and continuous learning.
Give me courage when I am afraid,
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and clarity in times of decision.
Teach me to enjoy uncertainty and lead your Church
to become all you imagined it would be
for the people of our times.

Amen.

Announcements:

- The reading assignment for our next gathering is Chapter Four
- If you are enjoying this experience, please visit DynamicCatholic.com to learn more about our mission and all the ways we are working to re-energize the Catholic Church.
- Our next gathering will be . . . (date, place, and time).

Session Four

THE HAPPIEST PEOPLE I KNOW

Reading: Chapter Four

Opening Prayer:

Loving Father,

Open our hearts and minds
and allow us to see the beauty of our faith.
Show us what is possible and fill us with the grace, strength,
and wisdom to live all the good things
we explore here together.
Send your Spirit upon us so that we can discover your dream
for us to become the-best-version-of-ourselves,
and have the courage to defend and celebrate this true self
in every moment of our days.
We ask you to bless in a special way the hungry, the lonely,
the sick, and the discouraged.
Remind us of our duty toward
them and inspire us to be filled with a profound gratitude.
We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. What are you grateful for at this time in your life?
2. Who is the most generous person you know? What are some examples of their generosity?
3. How did this chapter inspire you to become more generous?
4. What relationships really test your generosity?
5. Did this chapter inspire you to set a financial giving goal for this year?
6. Do you think you will be happier if you become more generous?
If so, what holds you back from becoming more generous?

Closing Prayer:

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Make our community hungry for best practices
and continuous learning.
Give me courage when I am afraid,
hope when I am discouraged,
and clarity in times of decision.
Teach me to enjoy uncertainty and lead your Church
to become all you imagined it would be
for the people of our times.

Amen.

Announcements:

- The reading assignment for our next gathering is Chapter Five.
- Matthew Kelly is one of the great Catholic voices of our times. If you are enjoying the book you should think about attending one of his events. Visit DynamicCatholic.com to find out when he will be in your area.
- Our next gathering will be . . . (date, place, and time).

Session Five

CHANGING THE WORLD

Reading: Chapter Five

Opening Prayer:

Loving Father,

Open our hearts and minds
and allow us to see the beauty of our faith.
Show us what is possible and fill us with the grace, strength,
and wisdom to live all the good things
we explore here together.
Send your Spirit upon us so that we can discover your dream
for us to become the-best-version-of-ourselves,
and have the courage to defend and celebrate this true self
in every moment of our days.
We ask you to bless in a special way the hungry, the lonely,
the sick, and the discouraged.
Remind us of our duty toward
them and inspire us to be filled with a profound gratitude.
We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. If you could change one thing about the world, what would it be?
2. Did you watch the news with the Ten Commandments in front of you? What conclusions did you come to through this exercise?
3. At what times in your life do you feel like God has won you over to his ways the most? Are you open to letting God WIN you in new ways at this time in your life?
4. We all evangelize about different things. What types of things have you evangelized about in your life? Your phone... a vacation spot... a car... a handbag... shoes... a college?
5. Are you open to being SENT by God on a mission? Are you nervous about what God might ask of you if you make yourself completely available to him? Why?
6. What is the simplest way you can share your faith with others in the coming week?

Closing Prayer:

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for the people of our times.

Amen.

Announcements:

- The reading assignment for our next gathering is Chapter Six and the Epilogue.
- If you want a simple and powerful way to share the faith with other people, visit DynamicCatholic.com and order six copies of this book for just \$18 (including shipping) and pass them around among your family and friends.
- Our next gathering will be . . . (date, place, and time).

Session Six

A NEW LEVEL OF THINKING

Reading: Chapter Six and the Epilogue

Opening Prayer:

Loving Father,

Open our hearts and minds
and allow us to see the beauty of our faith.
Show us what is possible and fill us with the grace, strength,
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we explore here together.
Send your Spirit upon us so that we can discover your dream
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We ask you to bless in a special way the hungry, the lonely,
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We ask all this through your Son, Jesus.

Amen.

Discussion Questions:

1. At what time in your life did you feel the best about being Catholic? Why?
2. How would you like your parish to become more dynamic in the coming year? Are you willing to get involved and help make that happen?
3. Which of the key concepts in the book was most intriguing to you? Why?
4. How has this book changed your view of Catholicism and the way you approach your spiritual life?
5. Who else in your life would you like to read this book?
6. How would your parish change if everyone in your parish read this book?
7. Are you ready to let Jesus take you to the next level in your spiritual life?

Closing Prayer:

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Amen.

Announcements:

- On behalf of all the team at Dynamic Catholic we want to thank you for taking an interest in your faith. We hope we can continue to serve you in powerful ways in the future. Please consider joining The Ambassadors Club to partner with us in this important mission.



DynamicCatholic.com

Be Bold. Be Catholic.

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