



Tips for
taking the

FCAT 2.0



It's almost time to take the FCAT 2.0!

Here are some important
explanations and reminders
to help you do your very best.



Test Invalidation

You have probably heard the term

test invalidation,

and it's important for you to understand what it means so it won't happen to you!



Test Invalidation

If a test is invalidated, it means that it **will not be scored**. If your test is invalidated, you will not receive an FCAT 2.0 score, and you will not be able to retake the same test.



To make sure your test is scored. . .

- **Remove all electronic devices.**
If you have an electronic device at your desk, in your pocket, or **ANYWHERE** you can reach it during testing, **your test will not be scored.**



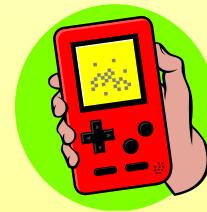
Electronic Devices

Some examples of electronic devices are:

- Cell phones or smart phones



- Handheld video games



- MP3 players



- Calculators (unless you are allowed to have an approved calculator)





- All electronic devices must be turned off before the test. Your teacher may collect them or instruct you to put them away (in a locker or backpack away from your desk).
- If you aren't sure if something is an electronic device, please ask your teacher before the test.



To make sure your test is scored. . .

- **Do your own work.** If you are caught looking at another student's answers, talking about the test with other students during breaks, or using any kind of unauthorized aid (cheat sheet, calculator, etc.) during the test, **your test will not be scored.**



To make sure your test is scored. . .

- **Respect others.** If you are disruptive during a test, you may be dismissed from the room and your test will not be scored. It is very important for you to remain quiet, respect other students, and pay attention to the instructions.



To make sure your test is scored...

- **Make sure you don't take the same test twice.** You may only take a subject test once during each FCAT 2.0 administration.



To make sure your test is scored...

- **Don't leave campus.** If you leave the school's campus for lunch or an appointment before you finish taking a test, you will not be allowed to complete the test.



Marking Your Answers

- Now it's time to review some important tips for marking your answers correctly.



Marking Your Answers

- When you are filling in bubbles, mark only **ONE** answer for each question.
- Be sure to fill in the bubble for your answer choice completely with your number 2 pencil.



Marking Your Answers

- Do not **circle** your answer.

1.

A

B

C

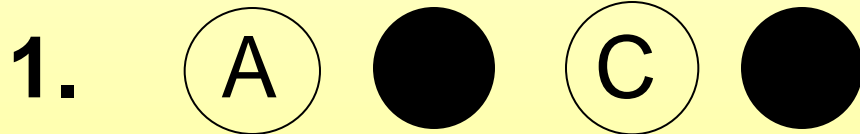
D

Incorrect



Marking Your Answers

- Do not fill in **more than one** bubble.

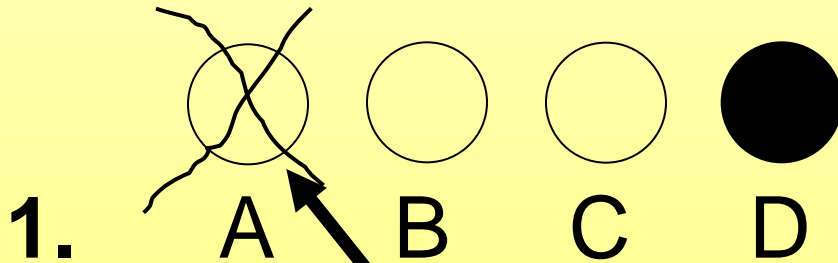


Incorrect



Marking Your Answers

- Do not cross out answers you think are wrong or make marks in any other bubbles.



Incorrect



Marking Your Answers

Some items for **Grades**

4, 5, 6, 7, and 8 Math

will ask students to answer
in a response grid.

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9



Marking Your Answers

Fill in the answer boxes
at the top of the grid.

Do not leave a blank space between
answer boxes.

		2	9
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9



Marking Your Answers

Then grid the bubbles that match the answer boxes.

Do not grid a bubble underneath a blank answer box.

		2	9
0	0	0	0
1	1	1	1
2	2	●	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	●



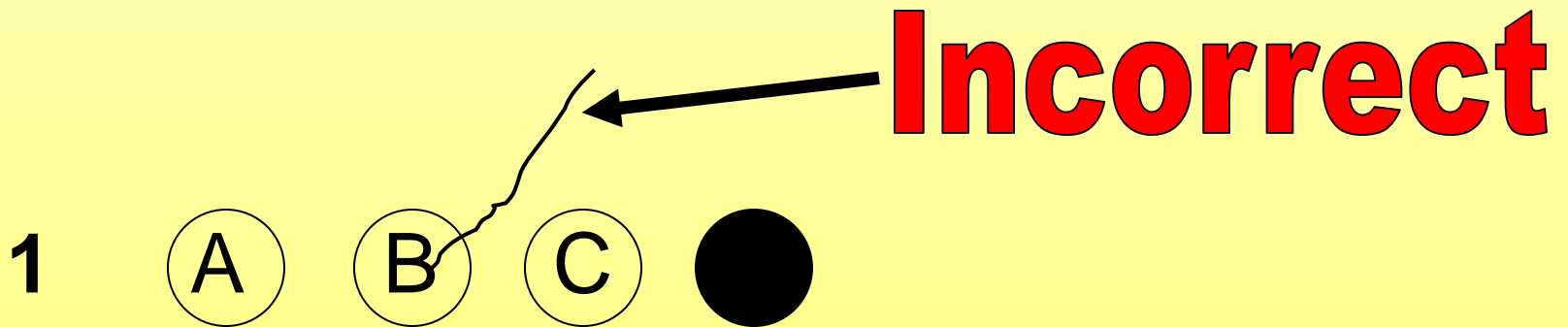
Marking Your Answers

- If you have a combination **TEST AND ANSWER BOOK** you are allowed to circle or underline words in the reading passages or make other notes to help you answer questions. However...



Marking Your Answers

- If you make marks in your book, make sure no mark goes into a bubble that is not your answer.





Marking Your Answers

- If you change an answer, be sure to erase completely.
- If you use your eraser, do so gently to avoid ripping or tearing your test.



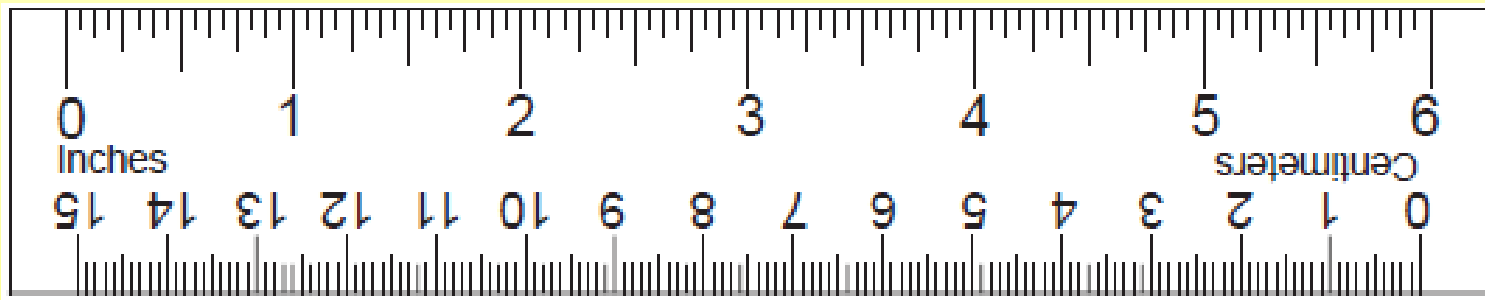


Marking Your Answers

- Different grade levels and subjects have different ways of answering (filling in bubbles, response grids, etc.) so it is very important for you to **LISTEN** to your test administrator when he or she reads the instructions before the test.

Rulers





- Students in grades **3** and **4** will be given a **ruler** to use during **Session 2** of the math test.



- If a test item requires use of a ruler, it will say so in the directions for that item.

Reference Sheets

Grades **5, 6, 7,** and **8** students will receive a **reference sheet** to use during the Math sessions.

Grades 6–8 FCAT 2.0 Mathematics Reference Sheet			
Area			
Rectangle	$A = bh$		
Parallelogram	$A = bh$		
Triangle	$A = \frac{1}{2}bh$		
Trapezoid	$A = \frac{1}{2}h(b_1 + b_2)$		
Circle	$A = \pi r^2$		
		KEY	
		b = base	A = area
		h = height	B = area of base
		w = width	C = circumference
		d = diameter	V = volume
		r = radius	P = perimeter of base
		ℓ = slant height	$S.A.$ = surface area
Use 3.14 or $\frac{22}{7}$ for π .			
Circumference			
$C = \pi d$ or $C = 2\pi r$			
Volume/Capacity		Total Surface Area	
	Rectangular Prism	$V = bwh$ or $V = Bh$	$S.A. = 2bh + 2bw + 2hw$ or $S.A. = Ph + 2B$
	Right Circular Cylinder	$V = \pi r^2h$ or $V = Bh$	$S.A. = 2\pi rh + 2\pi r^2$ or $S.A. = 2\pi rh + 2B$
	Right Square Pyramid	$V = \frac{1}{3}Bh$	$S.A. = \frac{1}{2}P\ell + B$
	Right Circular Cone	$V = \frac{1}{3}\pi r^2h$ or $V = \frac{1}{3}Bh$	$S.A. = \frac{1}{2}(2\pi r)\ell + B$
Sum of the measures of the interior angles of a polygon = $180(n - 2)$			
Measure of an interior angle of a regular polygon = $\frac{180(n - 2)}{n}$			
where: n represents the number of sides			

Periodic Table

Grade 8 students receive a **periodic table of the elements** to use during the Science sessions.

Periodic Table of the Elements
(based on $^{12}_6\text{C} = 12.0000$)

Group

1
1A

2
2A

3
3B

4
4B

5
5B

6
6B

7
7B

8
8B

9
9B

10
10B

11
11B

12
12B

14
Si
Silicon
28.086

Atomic number
Symbol
Name
Average Atomic Mass

Representative Elements

13
3A

14
4A

15
5A

16
6A

17
7A

18
8A

1	H Hydrogen 1.008	Transition Metals										13	14	15	16	17	18	
2	Li Lithium 6.941	Be Beryllium 9.012											B Boron 10.81	C Carbon 12.011	N Nitrogen 14.007	O Oxygen 15.999	F Fluorine 18.998	Ne Neon 20.180
3	Na Sodium 22.990	Mg Magnesium 24.305											Al Aluminum 26.982	Si Silicon 28.086	P Phosphorus 30.974	S Sulfur 32.06	Cl Chlorine 35.453	Ar Argon 39.948
4	K Potassium 39.098	Ca Calcium 40.078	Sc Scandium 44.956	Ti Titanium 47.88	V Vanadium 50.942	Cr Chromium 51.996	Mn Manganese 54.938	Fe Iron 55.847	Co Cobalt 58.933	Ni Nickel 58.693	Cu Copper 63.546	Zn Zinc 65.38	Ga Gallium 69.723	Ge Germanium 72.63	As Arsenic 74.922	Se Selenium 78.96	Br Bromine 79.904	Kr Krypton 83.80
5	Rb Rubidium 85.468	Sr Strontium 87.62	Y Yttrium 88.906	Zr Zirconium 91.224	Nb Niobium 92.906	Mo Molybdenum 95.94	Tc Technetium 98	Ru Ruthenium 101.07	Rh Rhodium 102.905	Pd Palladium 106.42	Ag Silver 107.868	Cd Cadmium 112.411	In Indium 114.82	Sn Tin 118.710	Sb Antimony 121.757	Te Tellurium 127.6	I Iodine 126.905	Xe Xenon 131.29
6	Cs Cesium 132.905	Ba Barium 137.327	La Lanthanum 138.905	Hf Hafnium 178.49	Ta Tantalum 180.948	W Tungsten 183.85	Re Rhenium 186.207	Os Osmium 190.2	Ir Iridium 192.22	Pt Platinum 195.08	Au Gold 196.967	Hg Mercury 200.59	Tl Thallium 204.383	Pb Lead 207.2	Bi Bismuth 208.980	Po Polonium 209	At Astatine 210	Rn Radon 222
7	Fr Francium 223	Ra Radium 226.025	Ac Actinium 227.028	Rf Rutherfordium (261)	Db Dubnium (262)	Sg Seaborgium (263)	Bh Bohrium (264)	Hs Hassium (265)	Mt Meitnerium (266)									

Inner Transition Metals

Lanthanide series

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce Cerium 140.12	Pr Praseodymium 140.908	Nd Neodymium 144.24	Pm Promethium 144.913	Sm Samarium 150.36	Eu Europium 151.96	Gd Gadolinium 157.25	Tb Terbium 158.925	Dy Dysprosium 162.50	Ho Holmium 164.930	Er Erbium 167.26	Tm Thulium 168.934	Yb Ytterbium 173.04	Lu Lutetium 174.967

Actinide series

90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th Thorium 232.038	Pa Protactinium 231.036	U Uranium 238.029	Np Neptunium 237.048	Pu Plutonium 244.064	Am Americium 243.061	Cm Curium 247.070	Bk Berkelium 247.070	Cf Californium 251.080	Es Einsteinium 252.083	Fm Fermium 257.085	Md Mendelevium 258.089	No Nobelium 259.101	Lr Lawrencium 260.105



Taking the Test

- Mark your answers directly in your answer document.
- Mark only the bubble for the answer you choose.
- Do not make a mark in any of the other bubbles. If you draw a line or an X through an answer that you think is wrong and the mark goes into a bubble, that bubble might be counted as your answer.
- Do not circle answers. If you circle the answers instead of filling in the bubbles, your answers will NOT be scored.
- When you have finished, check through your answers to make sure you have filled in only one bubble for each question.



Remember...

If you come to a page in your test book that says:

GO ON TO THE NEXT PAGE.

Turn the page and continue working.

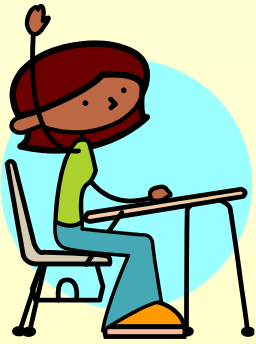


Remember...

When you come to the stop sign at the end of a session, **do not go on to the next session.**



DO NOT GO ON.



Remember...

- **During the test you may not:**
 - Work ahead in another session in your test book
 - Change any answers from previous sessions
 - Look at another student's answers
 - Allow another student to look at your answers
 - Have notes, scratch paper, or electronic devices



Remember...

- **You may not ask for help in answering any test questions.**
 - Your teacher or test administrator is not allowed to help you read, understand, or answer test questions.
- Try to answer every question.



Remember...

- Once you finish a test and turn it in, **you may not ask for it back.** Be sure to check your answers and try to answer every question before turning in your test.



Remember...

- During breaks and after testing, it's important that you **don't talk about the test questions** with friends, classmates, or other students.



Remember...

- This may not be your first time taking the FCAT 2.0, but test books, answer forms, and instructions can change at each grade level, so be sure to

PAY ATTENTION!



Most importantly:

- **Get a good night's sleep and eat a good breakfast before the test.**
- **Relax and do your best!**