

MY MOON MEASUREMENTS

Name: _____

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Introduction: Moon Phases:

The Moon revolves around the Earth in an elliptical (oval) orbit every 28-29 days which causes the phases of the moon!

DARK = what we see!!

WEEK OF MOON'S CYCLE	DAY OF MOON'S CYCLE	NAME OF PHASE	SKETCH OF THE POSITION OF THE Earth, Sun & Moon	WORD DESCRIBING THE PHASE	PICTURE SHOWING EARTH'S VIEW OF THE MOON
1	1	New Moon	S-M-E	Dark side of moon faces Earth	
	2-4 or 5	WAXING crescent	S-M-E	You see more of the lit side on the right.	
2	6-7	First Quarter	S-E-M	1/2 lit side seen, 1/4 way thru orbit, right angles	
	8-10	WAXING Gibbous	S-E-M	Moon continues to move, moon moving behind Earth, 1/2 gibbous - 2 Full	
3	14	Full Moon	S-E-M	entire lit part facing us, 1/2 way thru orbit	
	15-19	WANING Gibbous	S-E-M	Side lit starts getting smaller, 2nd half of orbit starts, phases start repeating in reverse	
4	20-21	Third (last) Quarter	S-E-M	half lighted side seen again, right angles	
	22-27	WANING crescent	S-E-M	exact opposite of 1st quarter, appears thinner ea. day, back to crescent as it heads back to new moon	

Why do we see phases of the moon from Earth?