

# The Muscular System

## LEARNING EXERCISES

Grade \_\_\_\_\_ Name \_\_\_\_\_

### MATCHING WORD PARTS 1

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
4.1. movement, motion	_____	-cele
4.2. hernia	_____	fasci/o
4.3. fibrous connective tissue	_____	fibr/o
4.4. fascia	_____	-ia
4.5. condition	_____	kinesi/o

### MATCHING WORD PARTS 2

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
4.6. tone, tension, stretching	_____	my/o
4.7. tendon	_____	-rrhexis
4.8. rupture	_____	tax/o
4.9. muscle	_____	tend/o
4.10. coordination	_____	ton/o

## MATCHING MUSCLE DIRECTIONS AND POSITIONS

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
4.11. cross-wise	_____	lateralis
4.12. ring-like	_____	oblique
4.13. slanted at an angle	_____	rectus
4.14. straight	_____	sphincter
4.15. toward the side	_____	transverse

## MATCHING PATHOLOGY

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
sudden involuntary contraction of a muscle	_____	contracture
inflammation of tissues surrounding the elbow	_____	epicondylitis
injury to the body of the muscle or attachment of the tendon	_____	sprain
injury to a joint involving a stretched or torn ligament	_____	strain
abnormal shortening of muscle tissue	_____	spasm

## CHALLENGE WORD BUILDING

These terms are *not* found in this chapter; however, they are made up of the following familiar word parts. You may want to look in the textbook glossary or use a medical dictionary to check your answers.

poly-

card/o

-algia

fasci/o

-desis

herni/o

-ectomy

my/o

-itis

sphincter/o

-necrosis

-otomy

-pathy

-rrhaphy

The term meaning any abnormal condition of skeletal muscles is \_\_\_\_\_.

The term meaning pain in several muscle groups is \_\_\_\_\_.

The term meaning the death of individual muscle fibers is \_\_\_\_\_.

The term meaning the suturing of torn fascia is \_\_\_\_\_.

The term meaning a surgical incision into a muscle is a/an \_\_\_\_\_.

The term meaning suturing fascia to a skeletal attachment is \_\_\_\_\_.

The term meaning inflammation of the muscle of the heart is \_\_\_\_\_.

The term meaning the surgical removal of fascia is a/an \_\_\_\_\_.

The term meaning suturing of a defect in a muscular wall, such as the repair of a hernia, is a/an \_\_\_\_\_.

The term meaning an incision into a sphincter muscle is a/an \_\_\_\_\_.

## LABELING EXERCISES

Identify the movements in the accompanying figures by writing the correct term (from the following list) on the line provided.

- abduction
- adduction
- circumduction
- dorsiflexion
- extension
- flexion
- plantar flexion
- pronation
- rotation
- supination

4.91. \_\_\_\_\_

4.92. \_\_\_\_\_

4.93. \_\_\_\_\_

4.94. \_\_\_\_\_

4.95. \_\_\_\_\_

4.96. \_\_\_\_\_

4.97. \_\_\_\_\_

4.98. \_\_\_\_\_

4.99. \_\_\_\_\_

4.100. \_\_\_\_\_

